

Andrew T. Siemer

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SUMMARY OF QUALIFICATIONS:

Veteran US Army Rangers, Software Engineer, Scrum Master, Author, Trainer

Strengths: Successfully designs, develops, leads and/or manages technical projects and teams. Able to function at any level of the enterprise application development process. Clear communication with both technical and non-technical people. Superior strategic planning skills. Adapts well to ever changing requirements and circumstances. Ability to complete projects built from the ground up without direct supervision. Capable of migrating to the agile process and managing Scrum teams.

Writing: *Author of "ASP.NET 3.5 Social Networking"* published by Packt Publishing. Staff writer for DotNetSlackers.com. Technical reviewer for several .NET and web technology focused books for Manning Publications and O'Reilly Media. Currently developing my second book "ASP.NET MVC 2 Cookbook".

Community: Currently running the .NET oriented podcast DotNetRadio.com as well as leading the .NET user group VirtualDNUG.com.

Programming/Languages: C#, ASP (classic), ASP.NET (MVP, MVC), LINQ, .NET, AJAX, VBScript, VB, VBA, WSH, SQL, tSQL, ColdFusion, JavaScript, CSS, HTML, DHTML, Lingo, XML, Perl, Flex, Action Script

Tools: LINQ to SQL, Entity Framework, ReSharper, NUnit, StructureMap, NDepend, NAnt, NCover, CruiseControl.net, NHibernate, NDoc, RhinoMocks, Sand Castle, Lucene.NET, MemCached Win 32, Velocity, TypeMock

Version Control: Subversion, Tortoise, Visual SVN, Visual Source Safe, Vault, Perforce, AnkhSVN

Databases: SQL Server, Access, MySQL, CouchDB

Patterns/Methodologies/Frameworks: Factory, Façade, Model View Controller (MVC), Model View Presenter (MVP), Repository, Test Driven Development (TDD), Domain Driven Design (DDD), Service Oriented Architecture (SOA), SOLID Principles, Distributed Architecture

Networking: DNS, SMTP, POP3, FTP, IIS, mDaemon, ColdFusion Server, Arial Campaign Manager, PMTA, LSMTP, MemCached Win32, Velocity, Email Labs integration, hMailServer

Additional Tools: Visio, Visual Studio, Photoshop, Illustrator, MS Office

PROFESSIONAL EXPERIENCE:

Lamps Plus

Architect / Manager

Sep09 to present

(Chatsworth, Ca) Responsible for revolutionizing the development environment from helping to create a centralized business layer to implementing a truly state of the art automated build, deployment and software configuration system. Leading a team of 20 developers into the now by teaching weekly classes to bring their .NET 1.1 skills up to .NET 3.0. Teaching object oriented design as well as key architectural concepts such as MVC, domain driven design, and test driven development.

Responsibilities and Achievements:

- Implemented continuous integration with CruiseControl.NET
- Automated many aspects of the build process with nAnt and nAnt Contrib
- Migrated the team away from Visual Source Safe to Perforce
- Taught the team how to work in Perforce and the Perforce way of SCM
- Taught .NET 3.0 programming concepts as well as ASP.NET MVC

- Taught object oriented design, domain driven design, test driven development, and much more
- Introduced productivity tools such as ReSharper, SyncBack, SQL Compare, Agile project management for Jira, Visual Studio Database edition
- Consolidated and migrated the LampsPlus.com .NET 1.1 code base to .NET 3.5
- Introduced ORM concepts such as LINQ to SQL and Entity Framework
- Introduced web farm caching concepts such as Velocity and MemCached (Win32)
- Introduced agile (SCRUM) concepts (where there was no process before)

Environment: Windows (Vista, 2003, 2008), IIS 6/7, ASP.NET 1.1-3.5, ASP.NET MVC, AJAX, C# 3.0, Lucene.NET, TDD, DDD, tSQL, SQL Server (2008), Visio, Perforce, LINQ to SQL, StructureMap, Rhino Mocks, NUnit, NAnt, CruiseControl.net, Visual Studio, SCRUM/Agile, SharePoint

OTX Research

Architect / Senior Software Engineer

Nov 07 to Sep 09

(Culver City, Ca) Helped to create the R&D department in order to spearhead new projects with the goal of creating new profit centers while maximizing on current ones. Part of the interviewing process to create our new team. Set up a fully automated development environment with true continuous integration (using NUnit, NAnt, CruiseControl.net, NCover, NDepend, custom NAnt tasks, psexec, and SVN/Tortoise). This included three separate environments for development, staging, and production. Designed and implemented a flexible enterprise architecture for new projects using an nTier approach that employed various patterns/concepts: MVC, IoC (StructureMap), TDD, DDD, and Repository. Tested new Microsoft framework for ASP.NET MVC to replace MVP in the presentation layer. Implemented BizTalk Server as the hub of our SOA based application. Successfully converted the company from a non-process driven development process to a Scrum/Agile development process. Led various development teams and business groups as the Scrum Master through the agile process. Responsible for coding the brains of the "Cortex" project (respondent routing and profiling engine). Researched many rule engines to replace BizTalk's rule engine. Installed and configured ILOG Rules for .NET. Migrated business logic out of Cortex and into the new rules system. Wired Cortex to the rules system. Implemented a MemCached Win32 centralized caching layer. Implemented a new rules based system to externalize and separate business rules from application logic using ILOG's (IBM) Rules for .NET.

Responsibilities and Achievements:

- Designed and configured the teams development environment
- Taught the new team how to live in the new development environment
- Automated the build and unit testing processes
- Designed and developed a base framework and enterprise library for future projects
- Taught the team how to work in a test driven environment
- Designed and implemented the architecture for the company's new "Cortex" project
- Helped the company to adopt an Agile process (SCRUM)
- Scrum Master for R&D team
- Implemented ILOG Rules for .NET

Environment: Windows (Vista, 2003, 2008), IIS 6/7, ASP.NET 2.0-3.5, ASP.NET MVC, AJAX, C# 3.0, Lucene.NET, XML, XSD, TDD, DDD, JavaScript, CSS, tSQL, SQL Server (2008), Visio, Subversion/Tortoise, VisualSVN, LINQ to SQL, StructureMap, Rhino Mocks, NUnit, NAnt, CruiseControl.net, Visual Studio, SCRUM/Agile, SharePoint, Photoshop CS 3

Callaway Golf Company

Senior Software Engineer

Jun 07 to Dec 07

(Carlsbad, Ca) Worked with two teams of disconnected developers (in Texas and California) to completely re-build Callaway's B2B ecommerce site – CallawayConnect.com. Designed and implemented many features of the site including the product catalog and shopping cart. Built ASP.NET AJAX enabled interfaces. Created many web services for various tasks from order consumption to product catalog displays. Utilized test driven development (TDD) and domain driven design (DDD) to create a flexible and scalable environment using various patterns and

technologies: factory, inversion of control (IoC), model view presenter (MVP), repository, and object relational mapping with NHibernate.

Responsibilities and Achievements:

- Worked in a very decoupled pattern oriented n-tier enterprise environment that used MVP, Factory (Structure Map), ORM (NHibernate), SOA (Biz Talk), Repository
- Exposure to many open source tools (NHibernate, Structure Map, NAnt, NUnit, Rhino Mocks, ASP.NET AJAX, Cruise Control)

Environment: Windows (XP, 2000, 2003), VMWare, IIS 6, ASP.NET 2.0-3.0, ASP.NET AJAX, AJAX, C#, Lucene.net, XML, JavaScript, CSS, tSQL, SQL Server (2000, 2005), Biz Talk 2007, Visio, Subversion/Tortoise, NHibernate, StructureMap, Rhino Mocks, NUnit, NAnt, CruiseControl.net, NMock, Visual Studio, SCRUM/Agile, SharePoint, Photoshop CS 2

Sound Vet Technologies Senior Software Engineer Jun 07 to Dec 07

(Carlsbad, Ca) Worked with the development team to design and build the next version of their radiology imaging acquisition and manipulation software. Determined the appropriate nTier architecture of this system. Created a very scalable framework that implemented various patterns: Model View Presenter (MVP), Inversion of Control (IoC), Dependency Injection (DI), Repository Pattern, Providers model, and Factory pattern. Also opted to use various tools to help in the decoupling of the various layers: StructureMap and NHibernate. Set up the development environments, version control system (Subversion), and automated build processes (NAnt and CruiseControl).

Responsibilities and Achievements:

- Instructed the team on the use of various design patterns, design concepts, unit testing, automated builds, test driven development, domain driven design, mock objects, and other principles and tools
- Performed a pros and cons comparison between NHibernate, LINQ to SQL, and a more traditional ADO.NET data access layer
- Designed and implemented the database
- Designed the data access layer using both LINQ to SQL and ADO where appropriate
- Implemented the code repository structure
- Set up the automated build processes
- Helped with the design of the development environments
- Created various proof of concepts
- Built out the business layer and repository and tied everything together with StructureMap

Environment: Windows (XP, 2000, 2003), IIS 6, C# 2.0/3.0, XML, tSQL, SQL Server (2005), Visio, Subversion/Tortoise, Visual Source Safe, NHibernate, Structure Map, Rhino Mocks, NUnit, NAnt, Cruise Control, Visual Studio, SCRUM/Agile, SharePoint, Photoshop CS 2

Guidance Software, Inc. Manager, Business Systems Development Jun 06 to Jun 07

(Pasadena, Ca) Leading a team of nine programmers, dba's, and analysts to keep the company's various financial systems, intranets, extranets, and public web sites running smoothly. Designed and built a .net based web interface for our financial system, Epicor, to create a more flexible development environment, better user experience across the whole company, and to increase the security of the application. Engineered a web based template driven workflow engine to allow low-tech users to dynamically create e-form driven workflow processes. Designed a video driven community to take our brick and mortar training into the virtual market. The training system allows the customers to search through our one hour training videos and purchase content for their immediate training needs rather than flying to our location and taking a week long class.

Responsibilities and Achievements:

- Managed 9 programmers and systems analysts

- Responsible for the company's various systems and applications: SQL Server databases, web servers, web sites, financial systems, and various utilities
- Lead architect/engineer for all in house projects
- Led hour long department wide training events twice a week on various subjects: C#, ASP.NET, SQL, Reporting Services, Web Services, application architecture, software design

Environment: Windows (XP, 2000, 2003), IIS (5, 6), ASP, ASP.NET 1.1-3.0, Perl, C#, XML, JavaScript, CSS, AJAX, tSQL, SQL Server (2000, 2005), SQL Reporting Services, Project, Epicor, Visio, Visual Source Safe, Visual Studio, SCRUM/Agile, SharePoint, Photoshop CS 2

Intermix Media, Inc. - FOX Software Engineer

Jan 06 to Jul 06

(Culver City, CA) Documented existing applications (perl/pMTA implementation, American Idol, Fox Sports, etc.) to get ready for the next version of an nTier WEB 2.0 API. Created bounce processing tool for MSN/Hotmail JMR complaint loop back. Worked directly with the CTO and other high level company officers to maximize the effectiveness of targeted email campaigns in order to significantly increase the traffic for Intermix's many ecommerce and community sites through optimization of their many proprietary mailing applications. Maximized the efficiency of proprietary mailing applications to handle 20-30 million emails sent each day. Built a reporting solution to keep tabs on the status of all the servers in the mailing farm. Analyzed and documented the entire mailing infrastructure encompassing Boston, San Jose, Seattle, New York, and Los Angeles.

Responsibilities and Achievements:

- Worked on software requirements specification for MyFoxLocal sites – a branded application for all FOX TV properties (www.myfoxla.com)
- Analyzed and documented existing application (MySpace, American Idol, Fox Sports)
- Analyzed and documented existing outbound mailing infrastructure
- Converted several aspects of the mailing applications originally written in ColdFusion, ASP, and perl to ASP.NET and C#
- Optimizing the mailing applications to handle 20-30 million pieces of mail per day
- Integrated applications at the Boston office with local installation of AdKnowledge (XML Web Services, C#)
- Worked with Alena (sister company) to enhance the delivery of their mailing efforts
- Managed 50 servers (email, PMTA, application, web, and MSSQL) for daily high volume mailing

Environment: Windows (XP, 2000, 2003), IIS (5, 6), ASP, ASP.NET 1.1-2.0, Perl, C#, Nunit, ColdFusion MX, XML, JavaScript, CSS, tSQL, SQL Server (2000, 2005), Project, Visio, Perforce, Visual Source Safe, Visual Studio, PMTA, LSMTP, SharePoint, SCRUM/Agile

Point Vantage/Challenger One Senior Software Engineer

Jan 05 to Jan 06

(Glendale, Ca) Initially hired as the Senior Software Engineer over a team of two ASP.NET (C#) developers. I was quickly promoted to Director of IT over the IS and IT departments with a staff of 7. Later promoted to the VP of Operations over the IT, IS, QA, and Fulfillment departments. In charge of strategic planning, infrastructure, and development. Selected, placed, subcontracted, and managed programmers, DBAs, network engineers, and other supporting technical staff. Provided services in the following areas: business planning, Internet business strategy, project planning and management, business process analysis, requirements analysis, software requirements specification (SRS) creation. Led all development efforts for the Challenger One family of companies (Challenger One, Point Vantage, Color Laboratories, and JDI Technologies). Migrated all systems from ASP classic to .NET (C#). Took a sister company's B2B platform to the internet by integrating its business methodologies into our e-commerce platform with ASP.NET (C#). Integrated our e-commerce platform with Great Plains using MS eConnect and C#. Developed the first Customer Loyalty Program to enhance the existing customer relationship and make better use of internal marketing efforts (www.bointz.com). Extended the Loyalty Program

into a Partner Program. Implemented the company's first data warehouse to provide better reporting capabilities of past trends to allow the marketing department to be able to focus in on click campaign successes and failures to improve future advertising capabilities. Successfully oversaw the migration of the company's many websites from ASP classic to ASP.NET (VB.Net, C#). Smoothly managed the technical integration of newly purchased company's (JDI Technologies) and remote locations (Calabasas, Brazil, China). Managed the integration of the Intermix ink brands on to our e-commerce platform (www.allyoucanink.com, www.premiumink.com, www.2for1inkjet.com, etc.). Was the lead architect for the ground up redesign of the company's proprietary e-commerce platform (www.modcart.com). Managed all technical aspects of the ground up development of the new office building to house all of the company's office, shipping, and warehouse resources. Drove the migration of all of the company's resources from multiple physical locations to one centralized warehouse/office facility. Planned, purchased, and oversaw the installation of the company's new data center. Researched and managed the installation of the new VOIP phone system. Designed and configured the call-center capabilities of the VOIP system for each of the sister entities. Researched and installed the company's first wireless environment. www.pointvantage.com, www.myinks.com, www.77colors.com, www.allyoucanink.com, www.2for1inkjet.com, www.premiumink.com, www.bointz.com, www.c1admin.com, www.2saveoninkjet.com, www.bointz.com, www.whiteboystore.com, www.vitaminboost.com, many more

Responsibilities and Achievements:

- Designed and developed version 2 of the Customer Loyalty Program (ASP.NET, C#) to extend to a Partner Program creating a new profit source (www.bointz.com)
- Designed and developed version 2 of the company's proprietary e-commerce platform (ASP.NET, C#) with a focus on enhancing the marketing engine, conversion rate, and future scalability (www.modcart.com, www.c1admin.com)
- Created multiple company e-commerce platforms that can be co-branded for our corporate customers use (Staples, Office Depot, Lexmark, etc.)
- Implemented and managed company's first data warehouse
- Migrated all sites from ASP classic to ASP.NET increasing revenue by 30%
- Generate and maintain documentation of all technologies in use (UML, SRS, scope)
- Developed version 1 customer loyalty program and points portal (www.bointz.com)
- Oversaw the logistic requirements of migrating the company's head office to a new location
- Led a team to merge the brands acquired from Intermix Media (www.allyoucanink.com, www.2for1inkjet.com, www.premiumink.com) on to our e-commerce platform
- Extended the company's proprietary e-commerce platform to a newly acquired subsidiary (JDI)
- Researched the requirements for a new IP based phone system (VOIP) - managed the installation of the phone system and call center
- Oversaw the migration of four companies from multiple locations/cities into one new facility
- Managed the move of the warehouse and pick pack and ship facilities into a new building
- Researched, planned, purchased, and helped install the wireless network
- Planned, purchased, and oversaw the installation of the companies new data center
- Created and implemented the first quality control procedures/systems to identify product flaws, fulfillment inefficiencies, and call center/customer service issues
- Oversaw the selection and installation of the building's security system (Vivitar)

Environment: Windows (XP, 2000, 2003), IIS (5, 6), ASP, ASP.NET, C#, VB.NET, XML, JavaScript, CSS, SQL, SQL Server 2000, Exchange (2000, 2003), Cisco, Project, Visio, Visual Source Safe, Visual Studio, Great Plains, eConnect

The Grantsmanship Center

Senior Software/Systems Engineer

Jun 02 to Feb 05

(Los Angeles, Ca) Led an IT team (2 engineers) responsible for the daily maintenance of the network (Cisco, IOS, Linksys, Xincom), user's systems, and servers (mixed Linux and Windows

environment) - (mDaemon, Mail Marshall, Active Directory, Bind and Windows DNS, ISA, IIS, SQL Server 7/2000). Also responsible for all systems architectural aspects from design to development programming in various languages (VB, VBA, ASP [vbscript, c#, vb.net], ColdFusion, JavaScript, PERL, CSS, DHTML, SQL, T-SQL, UML) and general site administration for www.tgci.com, www.tgcialumni.com, www.grantdomain.com, www.tgcigrantproposals.com, and the staff and information management portal. Currently rebuilding the company's web presence with a brandable interface (see www.tgcialumni.com and compare with www.grantdomain.com) and object oriented backend to provide various price structures for new and existing TGCI customers. This project is written primarily in ASP (classic and VB.NET) with a SQL Server 2000 backend using stored procedures and UDFs for most data access in an n-tier architecture. www.tgci.com

Responsibilities and Achievements:

- Designed and implemented branding logic on the primary customer facing site
- Ground up design and development of a customer management system
- Complete re-design of the primary customer facing site (www.tgcialumni.com)
- Re-design of 80% of the existing SQL Server database
- Conducted root cause analysis for system outages/bugs and report to senior level staff
- Migration of inline SQL calls to stored procedures and UDFs
- Migration and integration from a Perl based forum to a customized ASP forum
- All Perl functions converted to ASP/VB/.NET
- All new development efforts documented in UML
- Support of all network clients and components
- Training provided to technical and non-technical staff on various topics
- Evaluation of staff work habits and tools to streamline the customer handling process
- IE tool bar developed as a client/server application to supply real time alerts to customers

Environment: Windows 2000, XP, ASP (classic/.NET), C#, VB.NET, XML, JavaScript, CSS, SQL, SQL Server 2000, Exchange, Cisco, Project, Visio, Visual Source Safe, Visual Studio

Stout Communications

Software/Systems Engineer

Jan 01 to Jun 02

(Anaheim, Ca) Responsible for initial network design and installations including client/server configurations under a Windows 95/98/XP/2000 environment (active directory, DNS, IIS), training and tech support of all clients on all computer related subjects from hardware to software, database design and implementation, graphics, and web design as well as the management of the web servers and local network components. Responsible for cabling design and layout as well as managing the installations.

Responsibilities and Achievements:

- All new development efforts documented in UML
- Designed layout of network infrastructure for many companies
- Managed the installation of low level infrastructure
- Configured windows client/server environments
- Created and managed the companies internet presence and online sales
- Designed and developed company's e-commerce site in ASP and SQL Server 2000

Environment: Windows 2000, XP, ASP, JavaScript, CSS, SQL, SQL Server 2000, Exchange

Direct Blinds

DBA/Web Developer

Mar 00 to Jan 02

(Tustin, Ca) Monitoring and managing all network components (Active Directory, DNS, DHCP, IIS, client configuration), training of employees on all computer related subjects from hardware to software, designing databases to enhance the efficiency of the work environment, designing of the company website and intranet to enhance the company image and broaden product knowledge

throughout the customer base (www.durowood.com), extended the website to take quotes and produce automated “cut-sheets” for production.

Responsibilities and Achievements:

- Designed and developed company’s first web site (still in use today) in ASP with Access
- Created an access program for onsite designers to quickly capture window dimensions
- Moved the company away from “white board” management to intranet

Environment: Windows 2000, 98, ASP, JavaScript, CSS, SQL, Access, Exchange, Project, Visio, Visual Source Safe, Visual Studio

Teletech Communications	Nextel Tech Support	Mar 01 to Jan 02
(North Hollywood, Ca) Provided technical support to NEXTEL customers helping them to get connected to the NEXTEL network with various Motorola phones. Working with the customer to address any issue, billing, technical, or otherwise, in a timely fashion.		

Responsibilities and Achievements:

- Provided superior customer service to Nextel customers
- Troubleshoot Nextel cell phones
- Ability to easily switch between windows and linux systems

Environment: Windows 2000, Red Hat Linux, Nextel cellular phones

Teletech Communications	AT&T Tech Support	Aug 00 to Mar 01
(North Hollywood, Ca) Providing technical support to all AT&T customers using Windows 95, 98, ME, 2000, and XP; trouble shooting mail clients, internet browsers, and the operating system		

Responsibilities and Achievements:

- Provided superior customer service to AT&T internet customers
- Troubleshooting internet connections for Windows 95/98/ME customers

Environment: Windows 2000/98/ME/95, Red Hat Linux

US Army	2nd Ranger Bat., 14th MI LRRS	Jun 94 to Aug 98
(Fort Lewis, Wa) Provided supervision of eight professionals as the senior gunner of an elite infantry platoon. Consistently trained and schooled in the latest technology, rigorous training for physical and mental stability, complex decision making under stressful environments, and interaction with all forms of authority while being judged on performance at all times.		

Responsibilities and Achievements:

- Provided leadership
- Maintained complex weapons systems
- Managed testing facilities

Environment: Panamanian jungles, Floridian swamps, Washington mountains, jumping out of plains/helicopters, hostile, stressful, great fun!

FREELANCE/CONTRACT EXPERIENCE:

CourseLogic.com	Architect/Senior Software Engineer	Jun 09 to present
(Florida) CourseLogic.com is a social network geared towards college students to help them manage their busy lives. This site helps students by providing them with study and homework reminders, GPA management tools, career advice, and many other campus and college oriented tools.		

Responsibilities and Achievements:

- Created nTier enterprise framework based on ASP.NET MVC 2
- Set up various environments to include development, qa, and production
- Configured local build processes
- Configured continuous integration and deployment processes
- Managing a team of software engineers and designers

Environment: Windows 2008, SQL Server 2008, IIS 7, ASP.NET MVC 2, C#, jQuery, MemCached Win32, Lucene.NET, StructureMap, NUnit, NDepend, NCover

MySocialSpot.com

Senior Software Engineer

Jun 06 to Jun 07

(New York, NY) www.mysocialspot.com is a social networking site aimed at taking over the dating and community space. This site is a mix of Match and MySpace type sites with profile matching, blogging, audio/video chat, text chat, image galleries, audio galleries, video galleries, profile builder, calendar and event scheduling, billing, in site messaging, RSS feeds, and SMS messaging. This site was built using ASP.NET 2.0 and C# with an n-tier architecture following standard OOP practices. It has a SQL Server 2005 backend.

Responsibilities and Achievements:

- Managed the project and a team of 6 remote developers
- Site design
- Architecture
- Documentation and specification
- Programming in ASP.NET 2.0, C#
- SQL Server 2005
- Server design, installation, and configuration

Environment: Windows 2003, ASP.NET 2.0, C#, Sql Server 2005, UML, Project, Visio, Visual Studio 2005, Vault, MDaemon, Gemini PIT

BankerBook.com

Senior Software Engineer

Jun 06 to June 07

(New York, NY) www.bankerbook.com is a social networking site for the banking community. It allows bankers to meet and interact with one another. It has blogging, profiles, picture galleries, resume search engine, and a full featured survey/polling engine. This site was built using ASP.NET 2.0 and C# with an n-tier architecture following standard OOP practices.

Responsibilities and Achievements:

- Site design
- Architecture development
- Documentation and specification
- Programming in ASP.NET 2.0, C#
- SQL Server 2005
- Server design, installation, and configuration

Environment: Windows 2003, ASP.NET 2.0, C#, Sql Server 2005, UML, Project, Visio, Visual Studio 2005, Vault, MDaemon, Gemini PIT

SJKcap.net

Senior Software Engineer

May 06 to June 07

(New York, NY) www.sjkcap.net is a standard business website. It offers a CMS for dynamic page generation and an online application for loan processing. This site was built using ASP.NET 2.0 and C# with an n-tier architecture following standard OOP practices.

Responsibilities and Achievements:

- Site design
- Architecture development
- Documentation and specification
- Programming in ASP.NET 2.0, C#

Environment: Windows 2003, ASP.NET 2.0, C#, UML, Project, Visio, Visual Studio 2005, Gemini PIT

TWTH (The Way To Happiness) **Software Engineer** **Nov 05 to June 06**

(Los Angeles, Ca) www.twth.org needed an e-card application built in ASP.NET (C#) with an access database that allowed anonymous users to easily create template based cards. This system allows the user to select a category of quotes, select a quote, select a category of images, select an image, enter a message, and enter the recipient list and then do a broadcast email. It also has some statistics reports built into it to view delivery, unique opens, total opens, etc.

Responsibilities and Achievements:

- Design, document, and develop application
- Integrate UI with application

Environment: Windows 2003, ASP.NET, C#, Access, UML, Project, Visio, Visual Studio, Visual Source Safe

Sample Rewards **Engineer** **Oct 05 to Dec 05**

(North Hollywood, Ca) www.samplerewards.com allows inventors of new products to quickly list their items in a new product network that also immediately uploads the product to Amazon. This system was originally built based on the CFWebstore application and extended to add my branding technology. This system has also been integrated with an automated fulfillment warehouse. SampleRewards has been built using ColdFusion with the FuseBox methodology.

Responsibilities and Achievements:

- Extended existing platform with new features (faster searches, enhanced product displays, etc.)
- Design, document new features

Environment: Windows 2003, ColdFusion MX, SQL Server 2000, UML, Project, Visio, Visual Source Safe, Visual Studio

Sales Systems International **Engineer** **Oct 05 to Nov 05**

(Santa Maria, Ca) www.SalesSystemInt.com is an automotive dealership customer management system and lead generation tool currently built in ASP classic and slated for a redesign/rebuild in ASP.NET (C#) using a SQL Server 2000.

Responsibilities and Achievements:

- Modeled existing application (UML) in a class diagram
- Reverse engineered database schema (Visio) of existing database
- Fixed a data loss issue by comparing and merging data from a development database to the production system (using red-gate software)
- Created an XML parser to import and distribute automotive feeds from various sites (autobytel)

Environment: Windows 2003, ASP, ASP.NET, C#, XML, UML, SQL Server, Project, Visio

Steve's Festive Lighting **Engineer** **Oct 05**

(Burbank, Ca) www.stevesfestivelighting.com is a portfolio site that allows a customer to contact "Steve" for a Christmas decorating quote. It has an image gallery and some informational pages. This site was written in ASP.

Responsibilities and Achievements:

- Designed graphics and layout of the site
- Developed the site from scratch

Environment: Windows, ASP, Project, Visio, Visual Source Safe, Visual Studio

Fisharoo **Engineer** **Jun 05 to Present**

The www.fisharoo.com website incorporates technology with the expensive pass-time of saltwater aquariums by offering an extensive virtual fish tank builder and fish knowledge base. It is also a salt water aquarium community that connects shoppers with vendors (both online and off) by

allowing a shopper to locate a needed product and then connecting that shopper to a local pet store in their neighborhood. This site is built using ASP.NET with C# and a SQL Server backend.

Responsibilities and Achievements:

- Developed all documentation (specification, database schema, class diagrams, use case)
- Integrated UI with front end of application
- Developed all business objects and backend

Environment: Windows 2003, ASP.NET, C#, XML, SQL 2000, UML, Project, Visio, Visual Source Safe, Visual Studio

My Birthday Alerts

Senior Developer

Jun 05 to Sep 05

(Santa Monica, Ca) Led the development team for the www.mybirthdayalerts.com website. The technologies used on this site are ASP classic, ASP.NET in C#, .NET Mobile, WAP, XML web services and SMS with a SQL Server backend. There are also two C++ SMS aggregators that connect with the various mobile service vendors (ATT, T-mobile, etc.).

This site allows people to easily manage their friends and family's birthdays, anniversaries, and other important events via a web interface. The site then provides alerts to the user's cell phone automatically so that the user does not miss those special moments.

Responsibilities and Achievements:

- Upgraded the look and feel
- Made searches more user friendly and efficient
- Changed SMS messaging rules based on aggregator compliance

Environment: Windows 2003, ASP.NET, C#, XML, SQL 2000, UML, SMS, Project, Visio, Visual Source Safe, Visual Studio

Phone Tag

Senior Developer

Jun 05 to Sep 05

(Santa Monica, Ca) Led the development team for the www.phonetag.tv website. The technologies used on this site are ASP classic, ASP.NET in C#, .NET Mobile, WAP, XML web services and SMS with a SQL Server backend. There are also two C++ SMS aggregators that connect with the various world wide mobile service vendors (ATT, T-mobile, etc.).

The Phone Tag site is a web and mobile phone based community providing many types of media galleries to the user's cell phone. The key to this site is that when someone downloads a member's media (games, pictures, ringtones, etc.) the member gets a percentage of the sale. All sales are made using the purchaser's cell phone which eliminates the complexities of credit card processing and opens up the purchasing group to accept anyone with a cell phone rather than anyone with a credit card.

Responsibilities and Achievements:

- Designed and developed the architecture, database, and business objects
- Helped to get the look and feel just right
- Helped design the users page flow process

Environment: Windows 2003, ASP.NET, C#, XML, SQL 2000, UML, SMS, Project, Visio, Visual Source Safe, Visual Studio

Geeks On Time

Senior Developer

Jun 04 to Jan 05

(Vancouver, Canada) Taking on the role as lead engineer to migrate the current system away from an Access database to a SQL Server backend including removing all in-line SQL statements and upgrading to more efficient and secure internal tSQL statements using stored procedures, UDFs, (etc.) where applicable. Also working with the VP and NSM Manager to build out the "Tech Tool Box" section as well as streamline many other admin panels to allow the nationally disbursed team of field technicians and supervisors to access all pertinent information needed for completing their

onsite and remote customer assistance roles in a more efficient manner. I also remotely manage the infrastructure of this company (Windows 2003, SQL 2000, IIS 6, ColdFusion MX Server, mDaemon, Share Point, Vault). www.geeksontime.com

Responsibilities and Achievements:

- Lead architect for the development of a new ground up design for the staff portal
- Acting as liaison for outsourced development where applicable
- Created a technician document management system
- Conduct root cause analysis for system outages/bugs and report to senior level staff
- All new development efforts documented in UML
- Streamlined the UI of the existing staff portal
- Cost/benefit analysis for the design of a new system vs. the upgrade of existing site

Environment: Windows 2003, ColdFusion 4.5-MX, ASP.NET, C#, XML, SQL 2000, UML, Project, Visio, Visual Source Safe, Visual Studio

El Paso Panache

Developer

Mar 03

(Austin, Tx) Created a staff login and HR interface to smoothly process online job applications using ASP and Access. www.elpasopanache.com

Environment: Windows 2003, ASP, Access

Some Dude's Web Site Design

Developer

Aug 02 to Jun 04

(Palmdale, Ca) Part of a team of consultants that produce dynamically driven web based data applications as well as many forms of multimedia generally written in Cold Fusion, Flash, or Director. I am usually responsible for the bottom up design and implementation of all databases (SQL Server, Access) as well as back end programming. I have also been responsible for the administration of this company's web server (IIS, email) as well as other networking & computer issues. The company's site is www.somedude.com. An example site that was built with them is www.martindalecommercial.com.

Responsibilities and Achievements:

- All new development efforts documented in UML
- Responsible for complex query designs
- Designed and developed scalable schemas
- Complex logic programmed in CFMX

Environment: Windows 2000/2003, ColdFusion 4.5-MX, Access, SQL Server, JavaScript

Product Exposure Services, Inc.

Developer

Oct 03 to Mar 04

(North Hollywood, Ca) Took a hold of a 3yr old ColdFusion 4.5 site and refreshed/updated the interface as well as the existing code to conform to today's standards. Migrated the existing website from ColdFusion 4.5 to MX and from an Access 2000 database to a SQL Server 2000 database as well as moving many inline queries to stored procedures where performance improvements could be achieved. Also created a branding system allowing the site to be viewed from various URLs displaying different categories of products based on the location the site is viewed from (example: www.bearep.com, www.paintballrewards.com, and www.safetyshow.com).

Responsibilities and Achievements:

- Designed and implemented branding logic into existing customer facing system
- Created an automated PDF product sheet generation tool
- Complete re-design of user interface
- All new development efforts documented in UML
- Conduct root cause analysis for system outages/bugs and report to senior level staff
- Migration from Access to SQL Server
- Migration from in-line SQL calls to Stored Procedures

Environment: Windows 2003, ColdFusion 4.5-MX, ASP.NET, C#, XML, SQL 2000, UML, Project, Visio, Visual Source Safe, Visual Studio

World Wide Webz

Senior Developer

Aug 02 to Aug 03

(San Diego, Ca) As the applications manager for a growing Internet technology company I directed the creation of a modularized self replicating portal complete with e-Commerce, e-Learning, and course builders, as well as a full array of content management tools to allow the entire site to be truly dynamic (www.newtownonline.net, www.freestoreclub.com). I have also built several VB based applications from IE browser tool bars to a Jabber based IM system. I am currently finishing an Internet (VB Control) meeting room allowing for Chat, IM, Whiteboard, File sharing, and Audio/Video streaming. This application is capable of handling various Instructor/Student permissions in a multi room environment.

Responsibilities and Achievements:

- All new development efforts documented in UML
- Designed and developed client/server applications for e-learning environment
- Developed scalable database schema for the companies main customer facing portal
- Developed IE toolbar for customer internet usage tracking and marketing
- Created internet portals with dynamic DNS personal sites
- Conduct root cause analysis for system outages/bugs and report to senior level staff

Environment: Windows 2003, ColdFusion 4.5-MX, ASP.NET, C#, XML, SQL 2000, UML, Project, Visio, Visual Source Safe, Visual Studio

Geeks On Time

Computer Consultant

Mar 02 to Mar 03

(Vancouver, Canada) On call to provide technical support at all levels of computer use and maintenance to customers at their location, home or office. On site troubleshooting to fix all general hardware and software issues as well as customer education of software, computer use, and methods to deal with today's security problems. www.geeksontime.com

Responsibilities and Achievements:

- Represented the company while visiting customers homes to fix their computer needs
- Provided on site tech support for end user machines
- Troubleshooting internet connections and hardware failures

Environment: Windows 95, 98, ME, XP, 2000 (pro and server), MS Office applications, Adobe applications, Macromedia applications, VBA programming

EDUCATION:

Santa Monica College

General Education

Computer Science

Aug 09 to present

After working in the software engineering field since 1998 I finally decided to go back to school. I am working on completing the classes I need so that I can transfer into UCLA for a Computer Science degree.

ITT Tech

Associates Degree

Computer Aided Design

Mar 99 to Sep 00

General education in CAD & 3D based designs to include: Modeling, Animation, Game Programming, Mechanical, Architectural, Electrical, and Structural theories - Graduated 9/00).