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Summary

I am a designer, developer, author, professional speaker, and trainer.

I have over 20 years of experience working directly with Microsoft, GoDaddy, HP, AMEX, and other industry leaders.

I am passionate about all aspects of design and development, with a focus on AI, UX, UI, and front-end technologies.

I am interested in UX/UI design and front-end opportunities that utilize Next.js and React.

I am a licensed MMA matchmaker and was the owner of Superion Management.

I own Ares Peoria Jiu Jitsu Academy.

I am an active and world-ranked IBJJF Brazilian Jiu Jitsu referee and black belt competitor.

Professional Experience

April 2025 - Present - UX Designer / UX Engineer / Front End Engineer

WealthVP (<https://www.wealthvp.com>)

I am redesigning the WealthVP iOS, Android, and Web apps.

Under this umbrella, I am designing the onboarding flow and user journey for startup founders and investors.

WealthVP is an exclusive platform catering to startup founders and investors.

WealthVP aims to integrate **AI** across its platform and tools. The experience should be smooth and not introduce friction.

I will design an integrated chatbot concierge (with an animated mesh gradient similar to Siri) that features a dedicated space in the application, always keeping it front and center.

The AI concierge will

- Read prompts to the user and animate and highlight text being read.
- Walk founders through onboarding.
- Ensure founders are qualified to be on the platform and be presented to investors.
- Assist founders in all tasks related to completing, updating, and improving their profiles, pitch decks, and team profiles.

I will design an **AI valuation calculator**. I'll implement a version of the valuation calculator that'll be used as a lead magnet through Webflow. Leads will be captured by Go High Level and presented with a CTA to join WealthVP. The valuation calculator will gather information from the founder, inject the information into a prompt, send the prompt to an LLM, and display the results to the user. A scalable version of the valuation calculator will be built by the dev team and displayed on the dashboard as a premium upsell.

I'll also create an in-app version of the valuation calculator using Next.js.

I will design an **AI pitch deck review** offered as a premium upsell. The pitch deck review will review a founder's pitch deck and make suggestions for improvement.

I will design an **AI industry insights** module offered as a premium upsell. The industry insights will display the latest industry news and investor activity for the industry in which a founder's company operates. The module will gather and display the news and activity using an LLM.

I will design other modules, including

- Investor insights
- Pitch deck performance
- Pitch reel studio

I am not yet sure how these modules will use AI.

March 2025 - May 2025 - UX Designer / UX Engineer / Front End Engineer

Hanger (<https://corporate.hanger.com>)

I am the senior UI / UX engineer on the e-commerce team.

Hanger utilizes the Adobe Magento e-commerce and CMS platform.

I'm updating their frontend to use the Magento single-page application (SPA) with React.

April 2024 - September 2024 - UX Designer / UX Engineer / AI / Cybersecurity / Cyber Analytics

American Express (<https://www.americanexpress.com>)

I am the senior UI/UX engineer on the Cyber Analytics team.

AMEX brought me on to complete two critical applications that were already in progress.

Both applications were created using Next.js version 13.4 (React) and Tailwind.

The first application is called SciFi. SciFi is used to manage the process of developers creating internal applications using no-code tools.

The second application, called TPSO, is used to manage third-party relationships.

While working with AMEX, I also created the design for an **AI browser extension chatbot** using Figma.

We released version 1.0 of both products, and neither product had prior usage analytics to track.

July 2023 - March 2024 - UX / UI Designer

National Western Life Insurance Company (<https://www.nationalwesternlife.com>)

I am a senior UI/UX designer.

National Western is a life insurance company.

We are upgrading an earlier version of the site and portal. NW life insurance and annuity agents use the port.

UI designs are created using Figma.

All designs must be accessible to WCAG 2 / ADA standards.

Designs are for internal use, but I can provide some screenshots upon request.

The NWL portal included three interfaces.

One interface for customers, one interface for agents, and another, more comprehensive interface for internal users.

I used Figma to deliver a consistent, modern, and clean experience across all interfaces.

June 2023 - October 2023 - Sr UX Engineer, Designer, Front-End Lead

McKesson (<https://www.mckesson.com>)

McKesson is a pharmaceutical distribution client.

I'm a senior UX engineer working on the new web portal's front end and full stack.

I am designing using Figma and creating site components using Next.js (React), Tailwind, TypeScript, and Microsoft Azure.

All designs must be accessible to WCAG 2 / ADA standards.

The site is being upgraded from an earlier version that used .NET and SQL Server.

I primarily used Next.js and Tailwind to deliver approved Figma designs and a significantly improved customer and clinic experience.

November 2022 - May 2023 - Sr UX Engineer, Designer, Front-End Lead

Early Detection, Inc (EDI - <https://cancer.us>)

I'm the senior UX engineer working on the front end of the cancer.us website. I created the site using Next.js (React) to allow for easy future expansion.

October 2022 - January 2023 - Sr UX Engineer, Designer, Front-End Lead

Hewlett Packard Enterprise (HPE - <http://hpe-greenlake-root.oktapreview.com>)

I'm the senior UX engineer working on the front end of the Green Lake project.

Green Lake enables users with on-premises servers to manage them through a central web interface.

I'm working with Next.js, React, Cypress, Storybook, and Jest. I create designs using Figma and Tailwind CSS as the CSS framework.

Green Lake uses Microsoft Azure as the backend.

January 2018 - February 2023 - Senior UX Engineer, Designer

GoDaddy, Scottsdale, AZ, USA (<https://www.godaddy.com/>)

From January 2018 through February 2020, I was the sole engineer on the home page growth pod. I worked daily with a team of UI designers, graphic designers, copywriters, marketers, and others. I designed and developed new experimental features that were tested on the home page and across the site in multiple global markets.

My deliverables scaled from simple site updates, tweaks, and fixes to chatbots and machine learning. All projects must be highly performant, load under 1 second, and have no external dependencies. Due to performance constraints, my toolset was limited to HTML5, CSS, and vanilla JavaScript.

In February 2020, my team was dissolved, and I became one of two lead engineers for the front-of-site team for GoDaddy. The front-of-site team utilizes the Sitecore CMS, an ASP.NET MVC application (using C#). As a senior engineer, I created new and maintained existing Sitecore modules hosted on GoDaddy homepages in numerous markets.

Drawing on my prior experience as an author, mentor, trainer, and designer, I developed the onboarding documentation, style guide, and design system for the front-of-site team.

Recent projects include the integrated audio button used across the site, the podcast hosting site, and accessibility updates across multiple markets. Some projects utilized Tailwind CSS and Node.

In August 2021, I joined the UX Core team and authored components (React/NextJS) and accompanying documentation used by development teams across the organization. I use Figma daily.

February 2016 - February 2018

Aurelia Core Team Member (<https://github.com/aurelia>)

I contribute to the core libraries, am involved in core team discussions, and provide client training and consulting.

August 2017 - February 2018 - Aurelia Engineer, Designer

iaAnyware, Hope Island, AUSTRALIA (<https://iaanyware.net>)

I currently work on multiple front-end projects using Aurelia (HTML, CSS, JavaScript, etc.). The iAA team handles the back-end API.

February 2017 - December 2017 - Apple TV Developer, Designer

SkyWatch TV, Crane, MO (<http://skywatchtv.com>)

I worked with the SkyWatch staff to design and develop their Apple TV app where users can watch their broadcasts. The app was created using TVML. It is automatically updated from their Vimeo feed, and I provide bug fixes and enhancements when needed.

July 2016 – December 2017 - Aurelia Engineer, Designer

Press Coffee Roasters, Phoenix, AZ (<https://www.presscoffee.com>)

We are working with Press to handle some changes to their WordPress site. We also import existing customer data into a central data repository/management dashboard and automate roaster operations.

June 2017 – August 2017 - Aurelia Engineer, Designer

SiriusIQ, Orlando, FL (<http://www.siriusiq.com/>)

I worked on the front end for a new AI solution that utilizes Aurelia.

May 2016 – October 2016 - Aurelia Engineer, Designer

Foresight Consulting, Chicago, IL (<http://www.foresight.net/consulting.aspx>)

I worked with the team on projects that use Aurelia and a Microsoft stack (including TypeScript).

December 2015 – June 2017 - Sr Front End / Full Stack Engineer, Designer

HomeSmart, Scottsdale, AZ (<https://homesmart.com>)

I'm a lead developer and designer working on HomeSmart's flagship applications, which are marketed to brokers, agents, and clients. These applications are named RealSmart Broker, RealSmart Agent, and RealSmart Client. The technology stack includes SQL Server 2016, .NET Core, Aurelia, Knockout, and mobile applications using Xamarin. I'm also a critical front-end designer.

December 2014 – December 2015 - Front End / Full Stack Developer, Designer

PF Changs, Scottsdale, AZ (<http://www.pfchangs.com>)

I am working with PF Changs to design, develop, and maintain new and existing technologies for their online properties at <http://www.pfchangs.com> and <https://www.peiwei.com/>, as well as internal tools. We will utilize a comprehensive Microsoft web/cloud stack, incorporating .NET, C#, ASP.NET WCF, Angular, and Azure.

Most recently, I was tasked with creating a new guest check-in prototype application to be hosted at select PF Changs locations. Due to the issues with Angular 2 and the latest technologies on the Web (HTTP2, ES2015, etc.), I opted to use Aurelia with Node to serve up the content returned from an ASP.NET Web API service.

October 2014 – December 2014 - Front End / Full Stack Developer, Designer

American Airlines, Phoenix, AZ (<http://www.americanairlines.com>)

I collaborated with American Airlines to redesign a suite of internal tools into an extensive single-page application (SPA) utilizing Angular, Node, Breeze, TypeScript, ASP.NET Web API, and C#. Our prototypes will reside as Azure cloud services, but the production versions will reside in an on-premises cloud.

May 2014 – February 2015 - Microsoft Certified Trainer (MCT)

NetCom Learning, New York, NY (<http://www.netcomlearning.com/>)

Topics included

- 20480: Programming in HTML5 with JavaScript and CSS3 (with Angular integration)
- 55065: Windows Azure for IT Pros
- 10775: Administering SQL Server 2012
- 20487: Developing Windows Azure™ and Web Services
- Application Lifecycle Management Using Visual Studio 2013

January 2014 – December 2014 - Front End / Full Stack Developer, Designer

ACE Asphalt, Phoenix, AZ (<http://www.aceasphalt.com/>)

ACE had me assist in redesigning and completing version 3 of their proprietary pricing calculator using a standard Microsoft stack of technologies and the latest front-end single-page application (SPA) technologies. The tech-

nologies used include Azure, SQL Server 2008, C#, Entity Framework (code first and migrations), LINQ, ASP.NET Web API, ASP.NET MVC, jQuery, Durandal, Breeze, Bootstrap, and Knockout.

July 2013 - January 2014 - Front End / Full Stack Developer, Designer

DriveTime, Phoenix, AZ (<https://www.drivetime.com/>)

While working with DriveTime, I was assigned to the Flex team to work on various high-level projects, particularly the new point-of-sale system (POS). The POS was designed as a single-page application (SPA) that utilizes the latest front-end technologies, including TypeScript, jQuery, Durandal, and Breeze. The system's middle tier and back end were created using .NET technologies and SQL Server. The POS was also comprised of an assortment of WCF services and utilized external services for credit checks, tax calculations, and other purposes.

January 2013 - July 2013 - Front End / Full Stack Developer, Designer

Scientific Technologies Corporation, Scottsdale, AZ (<http://www.stchome.com/>)

STC assigned me an initial project to create an integrated solution that assists pharmacies administering vaccinations by providing them with access to the state registry of patient vaccination histories. The solution also integrated with a widespread client medical office management application and consulted a forecasting application before returning patient history and upselling options to the pharmacy, making the request. The solution was based on ASP.NET Web API, C#, SQL Server 2012, and Entity Framework Code First.

May 2012 - January 2013 - Designer, Developer

Akal Technologies, Phoenix, AZ (<http://www.akaltech.com/>)

Akal has been awarded the contract to design and develop a new court management system (CMS) for the Phoenix Municipal Court (PMC). I'm a primary designer and developer on this project. The initial phase of the project involves designing and developing a module that manages orders of protection. The system is created using ASP.NET MVC, HTML5, CSS3, jQuery, ExtJS, with a legacy backend utilizing IBM Informix.

June 2011 - February 2012 - Designer, Developer

MediaCom, Ann Arbor, MI (<http://www.mediacom.com>)

MediaCom is the leading media and online advertising company for media placement in the United States. As such, they are also the primary consumer of DFA services and can dictate the DFA API. I was brought on board to design and develop portions of the new MediaCom advertiser client utility, Bangle. I also participated in paired programming with the lead developer at MediaCom to mentor her while she created. I primarily utilized ASP.NET MVC 3, HTML5, CSS3, jQuery, jQuery UI, jqGrid, jQuery templates, and Knockout.

June 2007 - June 2011 - Report Designer, Developer

Therafin, Illinois (<http://www.therafin.com>)

I have worked with Therafin over several years as they needed help with their complex reports created using SQL Server Reporting Services (SSRS). Therafin has a manufacturing facility that creates wheelchairs and handicap assist devices.

April 2011 - July 2011 - Developer

EventsAndAdventures.com (<http://www.eventsandadventures.com>)

I began working with EventsAndAdventures.com on a complete redesign of their current website. Events and Adventures is the leading singles event website; however, its current design is dated and lacks appeal. EventsAndAdventures.com consists of a publicly facing site, a member-only area, and an administrative area. I'm currently redesigning the prospect area using SQL Server 2008, C#, ASP.NET MVC 3, jQuery, HTML5, CSS3, etc.

February 2011 - June 2011 - Front End / Full Stack Developer, Designer

Equine.com, Active Interest Media (<http://www.equine.com>)

Equine.com generates over \$1 million in revenue annually and serves as a classified listing site for buying and selling horses and related equipment. I started working with Equine.com in February and was hired to redesign the current website. After being hired, they decided to postpone the redesign. The current site is a mess, with many disparate technologies in use, and this design generates over 100 errors per day. The source code for the current site is spread across approximately 600 projects, with no documentation or comments in the source code. Without the option to redesign, I'm looking at other project options.

I've created several utilities for Equine.com using SQL Server 2008, C#, ASP.NET MVC 3, jQuery, HTML5, and CSS3.

February 2010 – February 2011 - Front End / Full Stack Developer, Designer

Universal Technical Institute, Phoenix, AZ (<http://uti.edu/>)

I'm a developer on the team that is creating a new student portal for the school. I'm applying end-to-end .NET 3.5 technologies in an Agile team environment. My focus is on creating SQL Server 2008 tables, views, and stored procedures using C#, WCF services, LINQ compiled queries, and DotNetNuke modules. I will also be developing training materials to mentor existing mainframe developers and bring them into the .NET world.

I was very happy at UTI, but due to budget cutbacks, they decided to release all contractors. During my time at UTI, I became the primary resource for ASP.NET MVC work using jQuery and jQuery UI. I used ASP.NET MVC 2 at UTI and am using ASP.NET MVC 3 on personal projects.

February 2010 – December 2010 - Author

Sybex (<http://www.sybex.com/WileyCDA/>)

I'm writing and developing the Sybex ASP.NET 4 book and Microsoft certification guide.

June 2008 – January 2010 - Project Lead, Developer, Trainer, Mentor

Carolina Designs, Duck, NC (<http://www.carolindesigns.com/>)

Carolina Designs contracted me to assist in redesigning their existing applications to utilize new technologies, including SQL Server 2008, LINQ, and Silverlight. Silverlight and the newer .NET Framework technologies are new to the development team at Carolina Designs, so I was appointed both system architect and mentor. I redesigned the existing data schema using SQL Server 2008 to bring it into the second or third normal form. I utilized LINQ-to-SQL and WCF services to create the business layer and backend for the application. Silverlight 3 was utilized to create the user interface and front-end.

The Silverlight components did not incorporate elaborate graphics and animation, but were used to create dynamic data entry forms to complete the Carolina Designs line-of-business application. The application may be upgraded in the future to incorporate .NET RIA Services.

July 2007 - December 2010 - Author, SME

The Salkind Agency / Studio B, New York, NY (<http://www.salkindagency.com>)

The Salkind Agency and Studio B have contracted me to author

- Microsoft Silverlight 3: A Beginner's Guide (<http://search.barnesandnoble.com/Microsoft-Silverlight-3/Shannon-Horn/e/9780071590433/?itm=2&USRI=shannon+horn>)
- Mastering Office 2007 Programming with VSTO (Sybex): Create, author, and revise half of the Mastering Office 2007 with VSTO book due out in Q208
- Javascript Programmer's Reference (WROX): Create, author, and revise the WROX Javascript Programmer's Reference due out Q308
- Microsoft Commerce Server 2007 ILT Courseware: I created all of the student labs and classroom materials for this course
- Microsoft Official Curriculum (MOC) 2782A: Designing Microsoft SQL Server 2005 Databases (supports exam 71-441: Designing a Microsoft SQL Server 2005 Database Solution Architecture)
- Microsoft Exam 71-536: TS: Microsoft .NET Framework Version 2.0 Foundation - Visual C# .NET, Visual C++ .NET versions (Microsoft Certified Technology Specialist)
- Microsoft Exam 71-547: PRO: Designing and Developing Web Applications Using the Microsoft .NET Framework - Visual C# .NET, Visual C++ .NET, Visual Basic .NET versions (Microsoft Certified Professional Developer)
- Microsoft Exam 71-548: PRO: Designing and Developing Windows Applications Using the Microsoft .NET Framework - Visual C# .NET, Visual C++ .NET, Visual Basic .NET versions (Microsoft Certified Professional Developer)
- I was brought on-site in Redmond as a lead author to conduct alpha reviews for exam 71-547

April 2006 - December 2010 - Author

Microsoft Press, Redmond, WA (<http://www.microsoft.com/>)

MS Press contracted me to author

- Microsoft 70-529 Certification Exam Training Kit: I authored chapters 5 and 6 in this TK.
- Microsoft 70-443 Certification Exam Training Kit: I created the practice exam questions for this TK.
- Microsoft 70-547 Certification Exam Training Kit: I authored chapter 12 in this TK.
- Microsoft 70-549 Certification Exam Training Kit: I authored chapter 15 in this TK.
- I was the moderator for the MSL eLearning student support forums. I answered questions that students have for the Whidbey (Visual Studio 2005) and .NET Framework Foundation (2956) courses.

Below is a comment made by Jim Fuchs (Microsoft) regarding my work on the 70-529 TK:

Shannon: I'm Jim Fuchs, your Technical Reviewer (although I think of myself as a Technical Editor). Your work is good. I mean really, really good. I was a Technical Editor for MS Press for 13 years, and it's rare to see work this good. Charles Petzold, Jeff Prosise, Jeffrey Richter... great authors all, and I think this chapter ranks right up there with their work. Well-organized, clearly written, the example programs are clean, concise, elegant, and work as advertised. Very nicely done (and I hope you can work for Press again).

November 2007 – December 2009 - Advanced Report Developer, Trainer

Excess Reinsurance, Woodbury, NJ (<http://www.excessreinsurance.com/>)

Excess Reinsurance contracted me to train and mentor the staff in creating SQL Server 2005 Reporting Services reports, as well as to develop the initial set of reports. I worked on complex reports for XS since November 2007. Excess Reinsurance is a middleman in the insurance business; hence, its reports include many actuarial figures and lots of calculations. The reports are incredibly complex and time-consuming.

October 2008 - Speaker

University of Wisconsin - Milwaukee, Milwaukee, WI (<http://www4.uwm.edu/>)

I was asked to speak to a large group of professors and business affiliates about creating next-generation Web applications using Silverlight 2. The day was very successful.

June 2008 – September 2009 - Author, Trainer

K Alliance, Tampa, FL (<http://www.kalliance.com/>)

I was contracted by K Alliance to author

- Silverlight 2 course
- SQL Server 2008 course
- Hyper-V course

February 2008 – August 2008 - Trainer

Batky Howell, Centennial, CO (<http://www.batky-howell.com/>)

Staff trainer

July 2007 – February 2008 - Author, Trainer

The Training Associates, Westborough, MA (<http://www.thetrainingassociates.com>)

The Training Associates contracted me to author

- Kaplan Transcender Preparation Exam 70-571: Create and author the ADO.NET 3.5 exam
- Microsoft Certification Exam 71-502: Create, author, and convert code for the 502 (WPF) exam (in conjunction with LionBridge)

March 2007 - July 2007 - System Architect, Courseware Author, Mentor, Trainer

Adventos, Denver, CO (<http://www.adventos.com/>)

Adventos contacted me to serve as the lead architect for a comprehensive redesign of the Maricopa County Superior Court's case management system. The new system integrates and utilizes Visual Studio Team System, Team Foundation Server, Windows SharePoint Services, SQL Server 2005, ASP.NET AJAX, the .NET Framework 3.5 technologies, Windows Server 2003, Windows Vista, MQ Series, Microsoft Systems Center Operations Manager 2007, and Active Directory. We are spending approximately 6 weeks in the initial design phase and then approximately 18 months designing the new system.

I was responsible for designing both the hardware and software required for the new systems. Hardware purchases for development, testing, training, production, reporting, certificate services, and disaster recovery was in excess of 1.5 million dollars. The hardware and software plan was confirmed with Microsoft. I was asked to write a white paper once the new system is designed and in production. Maricopa County is the largest county in the country and the new system will serve as a model case management system for all courts throughout the United States.

The initial design phase was completed successfully but the system design and development phase was not immediately pursued.

January 2006 - July 2006 - Author, Content Designer / Architect, Subject Matter Expert

Microsoft Corporation / NIIT, Redmond, WA (<http://www.niit.com/>)

Microsoft and NIIT contracted me to design and architect 15 e-learning courses that aligned with the certification exam 70-536. These courses were numbered 3354 - 3369. I also developed the courses and served as the featured speaker, filmed for the Voice of Expert clips. These courses were successfully completed ahead of schedule and are now live at <http://www.microsoftlearning.com/>.

January 2006 - July 2009 - Trainer, Author

Webucator, Jamesville, NY (<http://www.webucator.com/>)

I authored

- Microsoft Silverlight for Developers (<http://www.webucator.com/Net/Silverlight.cfm>)

February 2004 - January 2006 - Software Architect, Project Manager

Evans Newton, Incorporated, Scottsdale, AZ (<http://www.evansnewton.com/>)

I'm developing the ENI Schools Interoperability Framework (SIF)-compliant agent using .NET Windows Forms and C#. The SIF agent must:

- Pass industry compliance standards
- Operate as a Windows Service that imports and exports XML messages with other SIF-compliant agents.
- Operate on a one-time basis or according to multiple schedules
- Act as a proxy for the ENI TargetTeach database in both Microsoft Access and Microsoft SQL Server formats

ENI is the leading vendor of curriculum alignment software in the education industry, assisting students in meeting the requirements and learning objectives set by state standards and the No Child Left Behind initiative.

The SIF agent is a multithreaded Windows Service that is developed around the CPSI Schools Interoperability Framework (SIF) Application Development Kit (ADK).

SIF is a standard being developed in the education industry that will specify how dissimilar systems interoperate. The SIF standard is currently in version 1.1, with 1.5 distributed as a draft. The ENI SIF agent I'm developing utilizes SIF version 1.5, as this latest version accommodates the transfer of assessment data. The SIF standard utilizes Microsoft BizTalk Server to create a specialized type of server known as a Zone Integration Server (ZIS). Computer Performance Solutions (CPSI) is the leading developer of an ADK for developing SIF agents. The CPSI ADK utilizes .NET Windows Services, queues, and Microsoft SQL Server for transferring data between systems. Developing the SIF agent presents some complexities in that the ENI SIF agent is one of the first SIF agents being developed, and it is being developed against the SIF standard that is also being developed and is in flux. Furthermore, each new version of the CPSI ADK introduces complexities, as the classes and members included in the ADK change from one version to the next. Hence, code that was functioning perfectly against a previous version will not function against an updated version. I have identified several issues in the SIF standard that require attention, including normalization and design problems, and I have submitted suggestions to the standards board.

An additional complexity that is beyond my control is that no formal documentation is provided with the SIF standard or the CPSI ADK. The SIF standard is provided in a PDF file, but the associated help file contains blank entries that have not yet been completed. Thus, it has been challenging to estimate time requirements throughout the project's life cycle accurately.

February 2004 - December 2004 - Trainer, Mentor, Developer

Arizona Department of Economic Security, Phoenix, AZ (DDD, Systems & Programming)

I trained and mentored the Systems & Programming developers in SQL Server, Web development, and .NET technologies (focusing on Visual Basic .NET) every week using a custom curriculum.

I am training all new recruits at the DDD office in SQL Server and .NET technologies using the same curriculum. However, I will test the students upon entry and exit. The primary focus of the DDD training will be on using C#-based Web Services to access SQL Server.

The Arizona Department of Economic Security is in the process of upgrading, rewriting, and migrating hundreds of small, medium, and large-scale applications from mainframe systems to ASP.NET, C#, and SQL Server 2000. I am the sole trainer and mentor for new and existing employees at DES, as well as several interns and contractors. In addition to my training and mentoring responsibilities, I am also a member of the development team and serve as project leader for the vendor tracking system.

The DES departments with which I'm working received approximately \$30 million in funding from the state in March 2004.

January 2004 - March 2004 - Software Architect, Web Developer

Advertising Checking Bureau, Tempe, AZ (<http://www.acbcoop.com/>)

I was initially assisting ACB on a short-term project for Nike's online financial systems. My duties involved making enhancements and corrections to an existing ASP.NET web application that utilizes ASP.NET, C#, SQL Server 2000, and SQL Server Reporting Services. I'll be working with ACB on an ongoing basis with side projects.

In working with ACB, I heavily utilized SQL Server Reporting Services, Crystal Reports, and custom reporting options that incorporated pop-ups and exported reports to various formats, including PDF, XLS, and XML. I was brought in as an emergency resource to work on the reporting functionality of the Nike financial system, which was created using ASP.NET, C#, and SQL Server 2000.

June 2003 - August 2003 - Web Developer, Trainer, Mentor

Microsoft Corporation, Tempe, AZ (<http://www.microsoft.com/>)

I'm working directly under Microsoft Consulting Services (MCS) on a project for Pulte Homes located in Tempe, AZ. The project utilizes ASP.NET, C#, and SQL Server. I was assigned to develop the Construction Item Master (CIM) module, which manages the master library of items used in construction projects.

The Construction Item Master (CIM) module is used to manage the inventory of construction items being used by builders. It is based on a classic 3-tier design, utilizing a data store in SQL Server with stored procedures, a business tier coded in C#, and a user interface built using ASP.NET. My responsibilities encompass the data tier, the

business tier, and the code behind the UI. This was a very large-scale project where all database modifications were maintained using create and update scripts.

January 2003 – August 2003 - Developer, Mentor, Trainer

Arizona Department of Economic Security, Phoenix, AZ (DDD)

I served as a developer and trainer for a new IT department in DES. This department is redesigning everything that has been managed on a mainframe into .NET. The new applications manage vendor services and how those services are provided to patients.

Some of the challenges presented by this project were the integration of ASP.NET with Crystal Reports versions 8, 8.5, and 9 and the implementation of security using HTTP modules.

October 1999 – March 2000 - Developer

Universal Studios / Polygram Pictures, Universal City / Beverly Hills, CA (<http://www.universalstudios.com/index.php>)

I developed an internal management system for Polygram Pictures, which was subsequently acquired by Universal Studios. This internal system, known as IBS, was designed by Glocom. It did not follow standards, and no documentation was provided. I documented the entire system, corrected bugs and errors, ensured Y2K compliance, and assisted in the move of the application from the Polygram site to the Universal site.

January 1999 – October 1999 - Developer

MGM Studios, Santa Monica, CA (<http://www.mgm.com/home.do>)

I developed the Central Data Repository Module (CDRoM), the Outside Participants (OP) Module, as well as other data modules using Microsoft Visual FoxPro 6.0 as a front end and various other systems as a back end, such as the IBM AS400 and the UNIX SAP systems. These modules were thoroughly documented and modeled from start to finish, and addressed Y2K compliance issues. The modules automate the imports and exports of data from various systems, utilizing a wizard interface that allows users to manage the processes independently of the data management team. I also trained and mentored the staff while developing the system to ensure they would be able to maintain it once the initial development was complete.