

Senior Software Engineer

Positive, aggressive, results-oriented professional with extensive software engineering experience that spans multiple platforms, programming languages and frameworks. Expertise building end-to-end solutions deployed worldwide on thousands of endpoints. Ability to lead across disciplines and articulate complex technical concepts to non-technical stakeholders. Meticulous troubleshooting skills for root cause analysis. Strong problem solver with many years of object-oriented development experience. An influential leader with a talent for building stakeholder consensus, fostering cross-functional collaboration and exercising sound, independent judgment.

Core Competencies Include:

- *C#, ASP.NET, MVC, Winforms*
- *Entity Framework, Transact SQL*
- *APIs, Node.JS, REST Services*
- *Object-Oriented Programming*
- *HTML5, CSS3, Bootstrap*
- *Javascript/Typescript, JQuery*
- *Angular, Python, PHP, BASH*
- *Responsive Design Skills*
- *Windows Powershell cmdlets*
- *Source Control: Git, TFS*
- *Graphic Design, UI/UX Skills*
- *Audio/Video Engineering*
- *DNS, TCP/IP, Active Directory*
- *Engineering Management*
- *Team Leadership*
- *Agile Experience*
- *Presentation / Training Skills*
- *Superb Writing Skills*

CAREER HIGHLIGHTS

- ▶ As an independent software engineer on a long-term engagement, I developed a powerful suite of enterprise web and desktop applications related to Windows Group Policy automation for a Microsoft MVP client.
- ▶ Under an independent contract with Intel Corporation, I developed enterprise applications for their IT Infosec organization that deployed to over 200,000 systems worldwide. I also developed new feature sets and automation solutions to improve a suite of ASP.NET MVC applications related to their IBM ServiceNow implementation.
- ▶ In an engineering manager role at Intel Corporation, I led multiple teams of application engineers, instrumental in securing platform software/firmware design wins with top OEMs: HP, Dell, Lenovo, Apple and Microsoft.
- ▶ In an earlier engagement as an independent software engineer, I provided specialized training for Intel Corporation software engineers developing applications in the Exchange messaging and collaboration space.
- ▶ For a storage device manufacturer, I developed Ignition/SCADA applications (Python/Java framework) that integrate with programmable logic controllers (PLCs) in a manufacturing environment.
- ▶ As a software engineer/consultant working for a Microsoft Solution Provider Partner, I developed automation tools related to OS and Exchange migrations, client/server applications, custom Outlook add-ins, web applications and time tracking applications.

PROFESSIONAL EXPERIENCE

Freelance Software Engineer, Technical Consultant

Conversion Dynamics - CA, TX

(2013 - Current)

As an independent software engineer, I developed Group Policy management software and IT information security products for a Microsoft MVP client. I also completed several long-term projects under contract for Intel Corporation and their IT Infosec organization, where I produced enterprise security applications, web applications, executive management dashboards, web APIs, REST services and end user applications deployed worldwide.

Engineering Manager, Technologist, OEM Consulting Roles

Intel Corporation - Folsom, CA

(2005 - 2013)

Roles at Intel Corporation spanned software engineering, firmware technology and OEM consulting. Working directly with top OEMs manufacturing platforms based on Intel technology, I managed teams of application engineers focused on OEM enabling, debug and compliance for emerging Intel platform software/firmware features and technologies. Other roles spanned Intel wireless radio technology and Intel Smart Response (SSD caching) technology. I organized customer engagements, presented new technologies and spearheaded early-adopter pilots. I also developed custom web applications, Outlook add-ins and automation tools for tracking OEM pre-launch milestones across the Intel software development lifecycle.

Software Engineer, Technical Consultant
Conversion Dynamics - Sacramento, CA
(2001 - 2005)

During this time I operated a freelance software engineering business in which I produced ASP.NET web applications and tools for clients, as well as workflow automation solutions for Microsoft Exchange public folders, Outlook Forms applications, and various data conversion tools. I developed payment processing systems for web stores and middle tier APIs that process transactions between the front end UI, backend databases and payment gateways. Languages included C#, SQL, VB.NET, VBScript, Javascript and Python.

Senior Software Engineer/Manager
Intel Corporation - Folsom, CA
(1999 - 2001)

This began as an external consultant contract to train and mentor Intel IT software engineers on development methodology for messaging and collaboration solutions in the Outlook and Exchange space. I developed Microsoft Exchange public folders applications, Outlook Forms applications, web applications and custom tools in Visual Basic, VBScript, Javascript, classic ASP and SQL. Later, I took on a direct role at Intel, managing two engineering teams that developed and deployed critical solutions across a global network of over 100,000 desktops.

Senior Software Engineer/Network Consultant
Sessionware, Inc. - Campbell, CA
(1996 - 1999)

Hired as a network consultant working under a Microsoft Solution Provider Partner, I performed enterprise OS and mail system migrations for corporate and government clients. In an expanded role, I produced custom tools and applications for migration tracking and consultant time tracking. I produced desktop programs and web applications in classic ASP and SQL. I authored promotional marketing content and web site content. As a Microsoft Certified Trainer, I developed the only instructor-led version of *Networking Essentials* (A Microsoft Official Curriculum course) which I taught at the Institute for Business Partnership in San Jose.

Systems Programmer/Analyst
Intel Corporation - Folsom, CA
(1995 - 1996)

I provided technical services including programming, mobile system configuration and troubleshooting, and mailbox migrations. I developed custom modem scripts and other services related to remote access and network connectivity on both Microsoft LAN Manager (pre-Active Directory) and Banyan Vines networks. I developed custom tools to automate installation of application suites on Windows for Workgroups, Windows NT Workstations and Windows 95 platforms as part of their migration from Banyan Vines/StreetTalk to Microsoft LAN Manager.

Systems Analyst/Network Consultant
Entex Information Services, Inc. - Sacramento, CA
(1993 - 1995)

As a technical consultant I provided a range of services for State of California agencies under a CMAS contract. This included systems analysis, troubleshooting and repair of servers and workstations and IT-related related services. I took on a later role as the first Entex consultant on site at Intel in Folsom. Duties included system analysis, network connectivity troubleshooting, programming and scripting, automating software installations and platform configurations. In less than one year, I grew the Entex presence from a one-man contract to a 30-member team of application engineers on site at Intel. I accepted an offer from Intel and began the position described above.

Technical Certifications

- A+ Certification
- Multiple platform technology certifications
- Microsoft Certified Trainer, Microsoft Certified Product Specialist (NT Server)