

Senior Software Engineer

Positive, aggressive, results-oriented professional with extensive software engineering experience that includes managing technical teams and enabling emerging technology. An influential leader with a talent for building stakeholder consensus, fostering cross-functional collaboration and exercising sound, independent judgment in critical situations. Ability to lead across disciplines and articulate complex technical concepts and ideas to non-technical stakeholders. Meticulous troubleshooting skills for root cause analysis. Strong problem solver with strong object-oriented development experience across multiple platforms, programming languages and frameworks.

Core Competencies Include:

- *Object-Oriented Programming*
- *HTML5, CSS3, Bootstrap*
- *Javascript, JQuery, Angular*
- *.NET (C#, VB) MVC, Winforms*
- *Entity Framework, SQL, MySQL*
- *Web API, Node, REST Services*
- *Python, PHP, some Java*
- *Windows, Linux, MacOS*
- *GitHub, Microsoft TFS*
- *IIS, Apache, Lighttpd*
- *Some Firmware Experience*
- *Windows Powershell cmdlets*
- *Technical Consulting*
- *OEM Enabling*
- *Engineering Management*
- *Team Leadership*
- *Stakeholder Management*
- *Superb Writing Skills*

CAREER HIGHLIGHTS

- ▶ As an independent software engineer, I recently developed powerful applications related to Windows Group Policy automation for a Microsoft MVP client. I also recently completed multiple enterprise security applications for Intel Corporation that deployed to over 200,000 systems worldwide.
- ▶ Earlier in my career, I led teams of application engineers and technologists, instrumental in securing platform design wins for Intel Corporation with top OEMs, such as Dell, HP, Apple and others.
- ▶ As an independent software engineer, I provided specialized training for software engineers developing applications and workflow solutions in the Exchange messaging and collaboration space for Intel Corporation.
- ▶ For a storage device manufacturer, I developed Ignition/SCADA applications (Python/Java framework) that integrate with programmable logic controllers (PLCs) in a manufacturing environment. I also developed equipment simulators for isolated testing.
- ▶ As a network consultant and software engineer 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, LLC

(2013 - Current) (100% Remote)

As an independent software engineer, I developed Group Policy management software and other IT information security products for a Microsoft MVP client over the past three years. Earlier, I completed several long-term projects for Intel Corporation and their IT Infosec organization, where I produced enterprise security applications, web applications, management dashboards, web APIs and REST services deployed worldwide.

Engineering Manager, Technologist, OEM Consulting Roles

Intel Corporation - Folsom, CA

(2005 - 2013)

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

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

Operated a technical consulting business. Produced ASP.NET web applications and tools. Developed workflow automation solutions running from Microsoft Exchange public folders, Outlook Forms applications, and produced various data conversion tools. Developed payment processing systems for web stores and middle tier APIs that process transactions between the front end UI, backend databases and payment gateways. This included C#, VB.NET, Javascript, some Python, BASH scripts on Unix/Linux, Microsoft SQL and MySQL databases.

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, performed enterprise OS and mail system migrations for corporate and government clients. Took on an expanded role, producing custom tools and applications to automate migration tracking and consultant time tracking. Produced desktop programs and web applications in classic ASP and SQL. Authored promotional marketing content and web site content. Became a Microsoft Certified Trainer. 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)

Provided technical services including programming, mobile configuration and troubleshooting for remote users, mailbox migrations, 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. Developed automated programs to install standard 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)

Provided technical consulting services for State of California agencies under a CMAS contract. Duties included systems analysis, troubleshooting and repair of servers and workstations, and IT related services. 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, took Entex from a one-man contract to a 30-member team of application engineers on site. Subsequently accepted an offer to work directly for Intel in the position described above.

Technical Certifications

- A+ Certification
- Microsoft Certified Trainer, Microsoft Certified Product Specialist on NT Server
- Ignition/SCADA Credential