

Leadership in Managing Software Engineering Teams and Projects

SUMMARY

- Leadership of high performance software development teams
- Senior level engineer with a broad range of experience
- Manages and develops employees of varying skill sets
- “Go to” person for technically challenging tasks
- Extensive experience with Java, J2EE, JavaScript, XML, C/C++, Solaris, and Linux
- Actively communicates with all stakeholders
- Delivers results on time and within budget

SKILL SET

Leadership

- Managing and leading technical teams
- Project management
- Mentoring and developing staff of varying skill sets
- Recruitment of talented engineers and project managers
- Excellent communication and presentation skills
- Full life-cycle product development
- Resolving competing priorities
- Software analysis and design
- Waterfall process project management
- Agile (SCRUM) project management

Technical

- Java
- J2EE
- C/C++
- Linux/Unix
- JavaScript
- XML
- HTML
- Perl
- Web Services
- PostgreSQL
- MySQL

PROFESSIONAL EXPERIENCE

Technical Manager/Staff Software Engineer

2004 – Present

Avocent Corporation/Emerson Electric, Sunrise, Florida

Emerson purchased Avocent in 2009

Primary project: datacenter management system

- Currently project managing development of next-generation data center infrastructure management product.
- Led development teams on several releases of Avocent’s flagship IT infrastructure management product.
- Designed, developed and debugged IT infrastructure management software using Java, C++ and JavaScript.
- Led and managed upgrades of development infrastructure leading to increased development velocity.
- Led and mentored team on Agile and Waterfall development processes.
- Hired, mentored and developed leadership and line staff.
- Technical team lead: port software from Windows to Linux and Solaris.
- Team Lead: designed and developed Netscape plug-in and ActiveX control to launch software from a variety of web browsers.
- Plan and schedule projects using Microsoft Project and Rally.
- Designed, developed, debugged and deployed software to manage KVM switches using Java, C++ and JavaScript.
- Developed and debugged servlet/struts based framework.
- Resolved critical customer issues.

Software Engineer 2003 – 2004
Office Depot, Delray Beach, Florida
Primary project: centralized content management system

- Designed, developed, and deployed WebSphere gateway between Content Management System and Java API's.

Principal Software Engineering Consultant 2000 – 2003
Salient Software Solutions, Fort Lauderdale, Florida

CONTRACTS:

IIS Technologies, Boca Raton, Florida. 2002-2003
Primary project: Remote diagnostics of manufacturing equipment

- Designed and developed software for remote diagnostics and data collection from manufacturing equipment.
- Technologies used: Java, SOAP, J2EE, Web Services, WebSphere.

Fourbit Group, Fort Lauderdale, Florida. 2001
Primary project: Web GUI design tool

- Designed and developed Java-based XML-to-data conversion adapter.
- Implemented SOAP communication facility.

Cyberguard, Fort Lauderdale, Florida. 2000-2001
Primary project: Java-based management software for firewalls

- Designed and developed Java-based messaging infrastructure for distributed management system.
- Designed and developed subsystem to parse and create XML using Java and Xerces XML parser.
- Designed and developed JavaScript based firewall configuration system.
- Enhanced and debugged GUI components.

Senior Software Engineer 1999 – 2000
CommerceQuest, Fort Lauderdale, Florida
Primary project: application interfaces to Business-to-business (B2B) infrastructure

- Designed and developed e-mail to MQSeries gateway; using Java and Lotus Notes Domino.
- Developed B2B interfaces using C, ODBC and SQL Server.

Project Lead/Senior Software Engineer 1992 – 1999
Sun Microsystems, Plantation, Florida *Includes work at Encore Computer which was purchased by Sun in 1997*

Primary project: Java-based management software for storage systems

- Technical lead: remote support features using Java events and JavaMail.
- Technical lead: security using JDK 1.2 security, multithreading, and sockets.
- Project lead on: management framework software.
- Developed Java-based systems management applications.
- Developed, enhanced, and debugged operating system commands, libraries, and kernel using C Language.

Systems Programmer 1992
Nova Southeastern University, Davie, Florida.

- Developed administrative tools and utilities for University's network of Sun workstations.

EDUCATION & PROFESSIONAL DEVELOPMENT

Avocent Corporation. Training in leadership.
Sun Microsystems. Training in Java, and in Object Oriented Analysis & Design.
Nova Southeastern University, Davie, Florida. Coursework in Computer Architecture and Systems Software.
University of Delaware, Newark, Delaware. Master's in Communication.
Franklin and Marshall College, Lancaster, Pennsylvania. Bachelor's in Biology.