

MARIANNE PANDARAKALAM SMITH

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SENIOR SOFTWARE DEVELOPER

Talented senior developer with a passion for designing elegant and efficient code and over fourteen years' experience. Recognized for commitment and performance; exceeds expectations; takes initiative to automate processes and procedures. Talented learner with Master's Degree in Computer Science desirous of meeting new challenges. Excellent communication and interpersonal skills; adept at building rapport and strong relationships with individuals throughout the organization. Cooperative team player; flexible, and hard-working.

Areas of expertise include:

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|-------------------------|--------------------------|------------------------------|
| ◆Application Design | ◆Application Development | ◆Troubleshooting / Debugging |
| ◆Front / Back End | ◆Server-Side Programming | ◆Client-Side Programming |
| ◆CMMI Level 5 Standards | ◆Documentation | ◆PKI / OCSP |

TECHNICAL EXPERTISE

- Languages:** Java • JSP • JavaScript • HTML • CSS • JSON • Adobe Flex • C / C++ • XML
- Technologies:** Spring • JPA/Hibernate • Bootstrap • jQuery • Maven • Swing • Servlets • JMS • ANT
- Applications:** Apache Tomcat • Eclipse • Spring Tool Suite • Wireshark • SVN • JIRA • Confluence • Bamboo • OpenSSL • Toad • MS Office
- Operating Systems:** Windows 10/ 8 / 7 / XP / 2000 • UNIX (Linux / AIX / Solaris)

PROFESSIONAL EXPERIENCE

SHAWMUT DESIGN AND CONSTRUCTION, Boston, MA

May 2012 – Present

Senior Developer

- Played an integral role in the transition to new ERP system and redesign of existing Intranet.
- Developed Shawmut's Intranet, a Java Web Application built on the Spring Framework, jQuery and Bootstrap backed by Oracle and MS SQL Server databases.
- Used Agile methods to rapidly to develop custom solutions to support Shawmut business needs.

GENERAL DYNAMICS C4 SYSTEMS, Needham, MA

2002 – June 2011

Software Engineer II, 2007 – June 2011

Software Engineer I, 2005 – 2007

Software Engineer, 2002 – 2005

- Key member of teams developing innovative solutions that balance functionality and usability.
- Conceived solutions, visualized, designed, developed and tested Java / J2EE products, documented artifacts; collaborated with third-party vendors in resolution of issues.
- Supported operational systems and teams performing site installations; delivered formal end-to-end demonstrations of products and appropriate use to end-users; authored documentation.
- Contributed to projects meeting CMMI level 5 and receiving high customer satisfaction ratings.

SELECT CAREER ACCOMPLISHMENTS**SHAWMUT DESIGN AND CONSTRUCTION*****Senior Developer***

- Java Spring MVC Web Application used daily by 600+ users
Designed and developed corporate Intranet used by office and field staff to support day to day business transactions. Architect custom solutions for departments such as Accounts Payable, Risk Management, Safety and Estimating who use the Intranet to view and edit data, track information, generate Excel and PDF reports and send emails and faxes to business partners.
- Integration with Third-Party vendors
Develop frameworks to send, receive and process CSV and XML feeds from third-party vendors such as Concur, ConstructSecure, Textura and ARC.
- Agile Development
Designated Scrum Master in charge of leading daily stand-up meetings. Acting JIRA Admin.

GENERAL DYNAMICS C4 SYSTEMS***Software Engineer***

- Mission-critical projects include:
 - J2EE Application allowing users to send SNMP requests to connected equipment:
Designed, developed and tested components for application with Adobe Flex-based front end; implemented business logic and persist business data on back end; developed automated scripts in MicroFocus SilkTest to test web interface; utilized soapUI for problem resolution.
 - System Integrations and Testing:
Test Engineer providing developers with detailed defect descriptions during System Integration and Test phase of various high-profile projects.
 - Configuration Management:
Supported Configuration Management (utilized Rational Clearcase and Apache Ant); developed build scripts for projects including custom Ant Tasks to build deliverable / installation package.
 - Java Applications and Test Tools:
Tested third-party PKI (Public Key Infrastructure) Certificate Validation technology products and integrated into system retrieving status via OCSP (Online Certificate Status Protocol); created testing tools to parse OCSP responses.
 - Web Applications:
Designed and developed demo web applications incorporating Google Maps API.
Generated X.509 Certificate requests on client side for submission to third-party vendors.
 - X.509 Certificates on Smartcards:
Developed and tested J2EE client-server application allowing users to request and store X.509 certificates on Smartcards; executed performance tests; collated and analyzed metrics.

EDUCATION & PROFESSIONAL DEVELOPMENT

BOSTON UNIVERSITY, Boston, MA

Master of Science in Computer Science, January 2014

Bachelor of Arts in Computer Science (cum laude), 2002

Graduate Certificate in Web Application Development, 2010