JoAnn Ireland

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An enthusiastic and dedicated Software Engineer with over 20 years relevant experience in high tech computer-based industries. Principal strengths include full stack development, development in C and Java, product support, debugging and automated testing. Demonstrates exceptional problem solving skills, leadership, teamwork and customer focus. Proven track record of delivering and supporting high quality software under tight time constraints.

Technical Skills:

- Languages: Java, C, C++, VBA, JCL
- Java Technologies: J2EE, EJB.
- Web Technologies: HTML/HTML5, CSS, Bootstrap, JavaScript, JQuery, JSON, XML
- Servers: JBoss, WebLogic, WebSphere
- Database: Oracle, PL/SQL, iBatis/MyBatis, IMS DEDB, DB2, Granite, Firebase
- Scripting Languages: ksh. bash
- IDE: Eclipse, Visual Studio
- OS: Linux, Unix, z/OS, MVS, Solaris, Windows
- Version Control: SVN, CVS, Github, and Atlas
- Others: Agile Methodology, Rally, Junit, TestNG, Maven, Jenkins, Splunk
- Documentation Skills: MS-Office Suite, Adobe FrameMaker

RELEVANT EXPERIENCE

Iconectiv, Bridgewater, New Jersey

Senior Professional – Software Development *2015-present*

- Senior Dev/QA created automated TestNG test cases injecting json messages into the business logic layer. Test cases captured the broadcasts and notifications to verify the correct business logic processing.
- Analyzed requirements and worked closely with development to ensure quality of a highly reliable, scalable, effective and secure NPAC SMS solution for the telecommunications industry.
- Supported multiple conversion events.
- Maintained the system. Used Splunk to proactively look through extensive logs for production issues.
- Mentor for newer/less experienced team members
- Scrum Master for feature team

ERICSSON, Piscataway, New Jersey

Senior Software Engineer 1997-2015

- Lead inventory and database developer, responsible for the management of software life-cycle, development, software testing, and customer support of a high availability complex provisioning application. C language application consisted of a collection of IMS Full Function and Fast Path Data Entry Databases and provided inventory and flow-through

assignment to support line-side and trunk-side central office provisioning of digital, analog, and packet switching facilities.

- Adapter development on product designed to fill the transport network management function by providing a high-value mechanized support tool for management of a company's backbone and transport network, as well as non-designed and designed customer service circuits including POTS. This application is deployed on a client/server computing platform, written in Java, using an Oracle database and communicates via TCP/IP and telnet to the network equipment.
- Developed VBA tools, allowing the customer to economically automate inventory and service provisioning. These tools consisted of macro enabled Excel workbooks invoking a web service to communicate with back-end Legacy systems and were developed using the Agile methodology.
- Utilized Java, SQL Developer, XML and Apache Ant to develop and build a Granite validation plugin. EJB Application was deployed on WebLogic.
- Executed, analyzed and rewrote product test cases to automate regression testing and ensure quality in the release.
- Coordinated training and access for offshore team of 15 developers and testers.
- Served as development representative on committee to increase training, innovation and professional development across the entire department.
- Nominated for and successfully completed the Leadership For Professionals program, a program designed to prepare top technical performers for the next step towards becoming a manager

Brookhaven National Laboratory, Upton, NY

Software Developer

- Responsible for software development for complex accounting package for nuclear material and high level neutron coincidence counter.
- Worked closely with the nuclear scientists for specifications.

Grumman Aerospace, Bethpage, NY

Software developer

- Responsible for software development for research laboratory.
- Prototyped controls and displays for Space station Robotic arm.
- Held Secret level government clearance.

EDUCATION

Rutgers University, Somerset, NJ
Full Stack Web Development Bootcamp
An intensive 24-week long boot camp dedicated to designing and building web applications. Skills learned consisted of HTML5, CSS3, Javascript, JQuery, Bootstrap, Firebase, Node Js, MySQL, MongoDB, Express, Handlebars JS, & React Js.

NJIT
Certificate in Management of Telecommunications

Queens College CUNY, Flushing, NY
BA in Computer Science