

Jonathan Jamison

Software Development Engineer - Amazon.com

Issaquah, WA - Email me on Indeed: indeed.com/r/Jonathan-Jamison/4412472d95083dcd

Seeking a challenging position that allows me to learn new skills while solving interesting problems,

WORK EXPERIENCE

Software Development Engineer

Amazon.com - 2011 to Present

Led and worked with team to help design and implement features for Amazon AppStore (Android and Kindle Fire). Duties involved working with various Amazon web service and cloud computing components (EC2, RDS, Hadoop, etc) to help external developers publish their Android applications in the AppStore. In addition, also worked as part of the Amazon Webstore team that created features for the webstore platform, as well as designing and maintaining features for third party websites such as Target.com, Bebe.com, etc

Software Engineer

Innovar - 2008 to 2011

Performed as lead to develop and design call processing / call flow software for various telecom applications. Applications centered around methods of online and offline charging for mobile data subscribers in IP IMS/GPRS networks (DIAMETER/SIP) and voice subscribers in SS7 TDM networks. Duties required interaction with the full software lifecycle that includes requirements gathering, design, implementation, testing, installation and interaction on customer site, and support after installation. Applications were developed on Hewlett Packard's Non-Stop platform (Tandem).

Software Architect

Cirries - 2006 to 2008

Led team to develop Cirries's Cipher converged telecom application architecture. This task involved managing multiple people to develop applications that allowed legacy telephone network to communicate with IMS networks. Applications used multiple platforms to provide a fully user programmable environment for protocol mediation with a Service Capability Interaction Manager (SCIM) for wireline and wireless environments. The applications supported multiple user applications such as basic call control, proxy services, charging, pre-paid, etc Java, J2EE and C++ were all used in the development of the above applications which ran in a high-throughput, multi-threaded, fault-tolerant environment. Led efforts to integrate product with Websphere (Linux), Weblogic (Linux, Solaris, Windows) application servers with Apache 2.x components to provide web services interfaces.

Software Developer

Southwest Airlines - 2003 to 2006

Designed and implemented frameworks in C++ and Java for development and migration of internal company applications. Frameworks were required to run in a multi-threaded, high-throughput, fault-tolerant environment. Help provide support for numerous SWA applications involving IONA CORBA middle-ware, TIBCO (JMS), Websphere administration, SSL certificate administration and many other internal processes. Helped work to provide guidance on possible future technologies to be used such as Apache Tomcat, JMX, JSEv5 that could be used across the enterprise.

Business Analyst

Verizon - 2002 to 2003

Contracted to work with team developing requirements and procedures for the integration of various company billing and provisioning systems into Verizon's internal data warehouse(s). Implementation involved writing and optimizing SQL queries using Oracle 9i that would load and analyze warehouse data. Also worked with various internal Verizon systems and groups to verify warehouse data integrity.

Software Developer

IpVerse - 2000 to 2002

Member of team to develop a framework to provide call control functions to the IpVerse softswitch. Framework helped provide a graphical programming environment that allowed users to develop service control in a rapid manner. Implementation of the framework used C++ APIs to interwork with the ISUP protocol.

Member Scientific Staff

Nortel Networks - 1997 to 2000

Worked to design, develop and maintain system for simulating cellular networks and traffic for Nortel's internal test department. These tools were used to simulate mobiles and cellsites on Nortel's AMPS, TDMA and CDMA networks. All applications were written on the VxWorks real time platform using the C programming language. Work was also done on various Texas Instruments Digital Signal Processors (using assembly language) to provide tone detection and processing.

C/C++ (15+ years), Java (10+ years), J2EE (5+ years), Perl, PHP, JSP, JMS, MQ, JavaScript, CSS, Spring, Struts, Swing, Windows, Unix Shell Programming, Jython

O/S, Middleware and Application Experience

Linux, HP Non-Stop, Solaris, VxWorks, Stratus, Windows, CORBA, Amazon EC2, Android, Websphere, Weblogic, Weblogic Communications Platform, Eclipse, Clearcase, CVS, Subversion, Oracle 9i, Oracle OCMS, Apache, Tomcat, Ulticom (SS7 and SIP stacks).

Process Experience

Object Oriented Design with UML and Rational Unified Process, Design Patterns, AGILE methodology, Service Oriented Architecture (SOA).

EDUCATION

B.S. in Computer Science

University of Texas at Dallas - Dallas, TX

1993 to 1997