

**US Signal Company
JOB DESCRIPTION**

Job Title: Java Software Engineer

Job Code:

Job Status: Full time

Location: Grand Rapids, MI

Pay Range: Based on Experience

Department: Information Systems

Submitted On: 6/30/2009

Approved:

Job Summary

The Java Software Engineer will be responsible for development and programming of US Signal custom and non-custom enterprise systems applications using the Java programming language for Desktop Environments. Areas of development include but are not limited to: sales tools, billing, service delivery, customer relations, network operations, and network surveillance. The Software Engineer will be involved in all stages of application development from gathering requirements and researching options, coding and testing, to rollout and maintenance. The Software Engineer needs to be extremely confident in their programming abilities. The ability to work on multiple projects simultaneously is critical.

Functions/Responsibilities

- Lead and/or assist in the design, development, documentation, maintenance, and security of US Signal's operational support systems including, but not limited to: Billing & CRM, Order Management, and Infrastructure Management systems. The Java programming language on the Eclipse RCP framework will be utilized.
- Research, recommend, implement, and integrate enterprise solutions necessary for daily operations.
- PostGreSQL, MySQL and MS SQL Database development and administration.
- Ubuntu Linux and Apache Web Server administration
- Work in a team environment to ensure that all development activities are done in a consistent, cohesive manner and meet stated commitment deadlines and functionalities.
- Develop detailed Methods of Procedure for Systems Usage
- Other development projects as assigned by US Signal Management

Competencies

- 3 plus years experience programming in a business environment, preferably in Java.
- Strong knowledge and experience in business application design and implementation.
- Proficiency in Programming Languages: Java and SQL
- Eclipse IDE/RCP experience is a plus.
- Experience with network hardware and network management systems is desirable.
- Telecommunication knowledge and/or experience is a strong plus.
- Advanced source control experience using Subversion including tagging, branching and merging.
- Experience with one or more of the following database environments: PostGreSQL, MySQL and MS SQL.
- Conceptual or empirical knowledge of declarative programming
- Firm grasp of XML
- Experience with a scripting language (Perl, Groovy, Bash, etc.) is a plus
- Experience with Linux is a plus.
- Commitment to a high level of productivity, detail and accuracy
- High level of analytical ability
- Excellent organization skills and ability to maintain focus on priorities
- Ability to work well with all areas of the US Signal organization as well as external customers and vendors

Computer Experience

The desired candidate will have experience in both Windows and Unix/Linux programming environments, database environments, web-related and client/server environments as well as network management platform experience.

Education

The desired candidate will possess extensive experience in Computer Information Systems, Software Engineering, Object-Oriented Architecture, Distributed Computing, and Database Management. A B.S. in Computer Science is a plus.

Experience

The desired candidate will have at least 3 years experience programming in a business environment. Technical experience in a telecom environment is a plus.