

US Signal Company JOB DESCRIPTION

Job Title: PHP Software Engineer

Job Code:

Job Status: Full time

Location: Grand Rapids, MI

Pay Range:

Department: Information Systems

Submitted On: 6/30/2009

Approved:

Job Summary

The PHP Software Engineer will be responsible for development and programming of US Signal custom and non-custom enterprise systems applications using the using the PHP programming language. This will include development and programming, using the PHP/Apache/Linux suite of applications, to create and maintain US Signal's custom web based enterprise systems applications. Areas of development include, but are not limited to, sales tools, customer portal and network management applications. The PHP Software Engineer will be involved in all stages of application development from gathering requirements and researching options, coding and testing, to implementation 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: sales tools, customer portal and network management applications.
- Research, recommend, implement, and integrate enterprise solutions necessary for daily operations
- Database development and administration including schema design, database normalization and programming of stored procedures
- 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 PHP.
- Knowledge of best practices in web-based application security.
- Strong knowledge and experience in business application design and implementation.
- Knowledge of Object Oriented programming and design patterns.
- Languages: SQL, PHP 5, Perl, Javascript, XHTML, CSS, DHTML, XML
- Experience with MVC-based PHP Frameworks. Zend Framework experience preferred.
- Javascript framework experience including jQuery and jQuery UI toolkits.
- Development experience using Eclipse and PHP Development Tools a plus.
- Experience with the Google Maps API
- 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.
- Telecommunication knowledge and/or experience is a strong plus.
- Experience with Linux and web server administration is a plus.
- Experience with network hardware and network management software is desirable.
- High level of productivity, analytical ability, attention to detail, accuracy and excellent organization skills
- Ability to work well with all areas of the US Signal organization as well as external customers and vendors.
- Excellent communication skills for internal and external customer interaction.

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 Technology, 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 using PHP in a business environment. Technical experience in a telecom environment is a plus. Networking and network monitoring experience a plus.