Position Description

The Senior Programmer designs, codes, tests, documents, and maintains information systems according to established standards. This includes both browser and non-browser based applications. Incumbent is also responsible for the overall system design and serves as an expert in all aspects of designing, architecting and coding throughout the application development lifecycle, and stays abreast of relevant technology. Incumbent relies on extensive experience and judgment to plan and accomplish goals and uses of a variety of development languages. Incumbent performs a variety of complicated tasks and will provide consultation on complex projects and is considered to be a top level contributor or specialist.

Qualifications:

B.S. in Computer Science, Software Engineering, Computer Programming, or related with a minimum of five years of relevant experience. Knowledge of Accounting a plus.

Preferred Skills

1. Knowledge of S C#, .Net Forms, MVC .Net, SQL based Relational Databases (Administration, Design & Architecture), Postgres SQL, Visual Studio, GIT, Python, Django, HTML 5, CSS, SQL, JavaScript, Linux, Object-Oriented Design.
2. Additional skills of value include: Oracle, SQL Server, Linux, Objective-C, Swift, iOS, Xamarin, Linux shell scripting.
3. Familiarity with Active Directory and Office 365
4. Knowledge of the Life Cycle Development Methodology
5. Understanding of Operating Systems and Computer Networking including Security
6. Developing Task lists from requirements
7. Deployment – Understanding of differences between development, staging, and production environments
8. Developing user mockups from task list and requirements
9. Implementation – A good understanding of coding best practices, server best practices, security best practices
10. Code Repository – A good understanding of how code repositories operate, how to check out/in, commit, merge, fork, branch code
11. Knowledge of virtualization and vSphere

Position Duties:

1. Coordinate, interact, and communicate with team members, client, testers, and user base.
2. Interpret software requirements from internal clients.
3. Architect, develop and implement software systems according to client requirements.
4. Design and implement databases, software, and mobile applications according to best practices and coding standards.
5. Troubleshoot and perform improvements and upgrades to existing applications.
6. Stay informed of and research relevant technology.
7. Develop and maintain technical manuals and documentation.

8. Manage analytical datasets and data flow management between systems.
9. Participate in setting programming standard strategies and maintain a consistent architectural design across the organization.
10. Provide architectural expertise to other programmers.
11. Prepares reports on analyses, findings, and project progress, and presents results to management and/or customer personnel.
12. Serves as a customer interface to ensure problems are resolved and requirements are met in a timely manner.
13. Participates in special projects as required.
14. Performs a variety of testing procedures on assigned products, analyzes test results, and corrects problems.
15. Provide consistent written documentation to Management in the form of project status memos and meting recaps.
16. Teach Staff users to use all Systems from both the user level and the admin level interface.
17. Educate Users on how to create their own SQL Server Reports and Business Intelligence Reports.
18. Fulfill annual Certifications, Training and other requirements to maintain current level of technology.
19. Manage the installation of software fixes, updates and enhancements.
20. Design the Testing Procedures for a new or updated system rollout.