

SOFTWARE DEVELOPER II

POSITION SUMMARY: Back and front end software development utilizing current web technologies.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Responsible for building back end and front-end web applications.
- Works directly with internal stakeholders to gather and evaluate operational, interface, algorithmic and performance requirements of device and application software.
- Collaborates closely with colleagues to brain storm and provide constructive criticism in a positive, engaged environment.
- Adheres to high quality coding and testing practices: coding conventions, static code analysis, unit/integration testing, code refactoring and code reviews.
- Participates in the full software development lifecycle including specification, design, architecture, implementation, testing (unit, integration and system), configuration management, and deployment.
- Participates in the selection, setup and internal conventions for development tools that the team uses.
- Responsible for formal documentation of the above development activities

QUALIFICATIONS:

EDUCATION:

- 3+ years' experience in development of web applications with CSS3, HTML5, and JavaScript
- Bachelor's degree (B. S.) in computer science, engineering or mathematics, or equivalent experience

EXPERIENCE REQUIRED:

- Experience building web applications using server side NodeJS
- Experience working with the JavaScript MVC frameworks
- Experience connecting front-end and back-end systems through HTTP APIs, including an ability to rapidly consume REST-based web services or websocket API's
- Experience using version control system

REQUIRED KNOWLEDGE:

- Knowledge of current best practices of web application development
- Have strong verbal and written communication skills and interpersonal skills.

PREFERRED KNOWLEDGE:

- Experience developing software for medical devices
- ECMAScript 6
- Angular 2
- MySQL, SQLite, or other data systems
- Jenkins Integration
- Experience with unit testing and test driven development.
- Experience working in an agile development cycle
- Karma and Jasmin testing experienced
- Linux, Unix, or Mac command line experience