

## 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 use of development tools.
- Responsible for formal documentation of development activities

**EDUCATION/CERTIFICATION:** Bachelor's degree (B. S.) in computer science, computer engineering, mathematics, or equivalent experience

### EXPERIENCE REQUIRED:

- 3-5+ years of experience developing web applications with CSS3, HTML5, and JavaScript
- Experience building web applications using Angular 2 and TypeScript
- Experience building applications using server-side NodeJS and related framework
- Experience connecting front-end and back-end systems through RESTful/Websocket APIs
- Proficient understanding of code versioning tools, such as Git

### REQUIRED KNOWLEDGE:

- Strong proficiency with JavaScript
- Strong working knowledge of Angular 2, HTML5, REST/Websockets and inter-process communication
- Knowledge of current best practices of web application development
- Ability to work with other teams and departments within the organization
- Strong written and verbal communication skills

### PREFERRED KNOWLEDGE:

- Experience developing software for medical devices
- ECMAScript 6
- MySQL, SQLite, or other database 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