EXTREME ENVIRONMENTS. EXTREMELY RELIABLE.

POSITION DESCRIPTION

Position Title:	**Software Developer**
Reports To:	Software Manager
Position Type:	Full time
Department:	Engineering
Location:	Victoria, British Columbia
Date Prepared:	January 2019

BACKGROUND

FTS - Forest Technology Systems Ltd. is a world leader in the design, manufacture and service of rugged, easy-to-use, environmental monitoring systems that help monitor the world's remote natural environments. FTS is a growing, privately-held Victoria-based company committed to industry leading excellence in our industry.

FTS develops, manufactures and sells data loggers, data collection and analysis software, sensors, and telemetry systems for remote sites that do meteorological, hydrological and fire/weather monitoring. Our mission is to make our customers successful in their efforts to monitor, record and analyze changes in the natural environment.

PRIMARY JOB OBJECTIVE

The Software Developer is responsible for writing, testing, debugging, and documenting code, as well as participating in new-product software architecture design. The incumbent will work closely with the rest of the research and development team to develop new product offerings and improve existing ones. Products range from SaaS services, mobile applications or embedded software on remote stations.

DUTIES AND RESPONSIBILITIES

- Gather specifications; design, develop and test software products within a team environment
- Participate in system architecture to ensure best-in-class design, functionality and sustainability
- Provide software support for products to internal or external customers
- Update documentation using software tools (i.e. Jira and Confluence)
- Prepare in-depth, accurate, and comprehensible code documentation

QUALIFICATIONS

Required Qualifications:

- BSc in Computer Engineering or Computer Science or related degree
- Minimum 3 to 5 years recent, related experience in software development, preferably in a high tech software or software/hardware environment
- Firm grasp of software creation and debug/test methodologies
- Familiarity with modern development tools (Git, ticket tracking software)
- Excellent experience in Web Development (HTML, CSS, JavaScript, Angular, Angular 2, SASS)
- Excellent experience in Application Development (Java, SQL, Embedded Linux Development)

Bonus Qualifications:

Experience with:
- Software Tracking and Documentation (JIRA, Confluence, BitBucket)
- Version Control / Git
- Database Architecture and Design (SQL, MySQL, MongoDB)
- Mobile Development (iOS, Android, Cordova, Ionic 3, Angular 2, TypeScript)
- Familiarity with environmental monitoring challenges and solutions

PERSONAL CHARACTERISTICS

- Able to learn quickly, and effectively apply new knowledge, thus demonstrating the desire to stay in touch with emerging technologies
- Strong analytic skills, time management aptitude, problem-solving ability, and flexibility
- Meticulous attention to detail
- Strong initiative and results driven; and able to work well with minimum supervision.
- Excellent verbal and written communication skills
- Ability to chase down details with ambiguous design and drive cross-product features to completion across multiple teams
- Brings a fun and energetic work ethic to every day work

QUALITY

It is each employee's responsibility to comply with FTS' quality program. It is the employee's responsibility to identify non-conformity and initiate appropriate corrective actions.

DISCLAIMER CLAUSE

The above statements are intended to describe the general nature and level of the work being performed by the employee assigned to this position. There are no exhaustive lists of all duties and responsibilities, knowledge, skills, abilities, physical job demands and working conditions associated with this position.