



CAREERS AT IRD

SOFTWARE DEVELOPER

Department: Engineering

Receives Direction From: Manager, Software Design and Development

IRD develops enterprise level software on a variety of platforms using software engineering processes and methodologies.

We are looking for an outstanding developer who delivers exceptional solutions to deadline. Working in a creative and challenging team setting, your contributions will have a real impact on our evolving Intelligent Transportation Systems. Your knowledge of .NET, OOP, and SQL and your effective communication and problem solving skills will provide a rewarding career at IRD.

Job Purpose:

This position is responsible for performing software development tasks on IRD products and projects in accordance with IRD standard procedures.

Duties & Responsibilities:

- Perform software development tasks on IRD products and projects in accordance with IRD's Design and Development process
- Prepare system and software designs
- Prepare for and participate in design reviews
- Modify existing software modules
- Code new software modules
- Prepare for and participate in code reviews
- Write and execute unit tests for software modules
- Perform regression testing on base software modules
- Perform system integration and testing
- Prepare software releases including documentation and software media
- Assist with preparation of Factory Acceptance Test (FAT) plans
- Assist with the execution of FATs
- Assist in the estimation of new work and preparation of customer quotes based on tender documents, RFPs, and specification documents
- Participate in the support of customer systems
- May travel to customer sites or IRD subsidiaries as necessary

Skills & Abilities:

- Experience with real-time systems
- Experience with issue tracking systems
- Experience with GUI design
- Experience with web technologies
- Experience with networks

If you are interested in applying at IRD, a resume should be forwarded in confidence to Human Resources at **702 43rd Street East, Saskatoon, SK S7K 3T9**, fax: **306-653-6609** or email: jobs@irdinc.com

IRD is an Equal Opportunity Employer.



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- Experience with C or Java
- Experience with other operating systems such as Linux or Unix
- Experience with road toll systems, or other Intelligent Transportation Systems (ITS)
- Experience with Agile development practices
- Effective oral and written communication skills
- Self-starter with the ability to work well independently and within a team environment
- Willingness to work flexible hours to accommodate working with overseas team members
- Be a cooperative problem-solver with logical decision-making abilities

Qualifications:

- Degree in Computer Science or equivalent
- 2 or more years' experience in a software development environment
- Experience in a team environment
- Experience with .NET, and one or more .NET programming languages
- Experience with Object Oriented programming techniques
- Experience with one or more database technologies, and in writing SQL queries
- An understanding of source control principles and experience with one or more source control management systems

Please indicate position '**E-SD1112**' in your cover letter and subject line.

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