

Wenco International Mining Systems (www.wencomine.com), a subsidiary of Hitachi Construction Machinery, is a software development and technology company that provides a series of technology product lines related to optimization and improvement of mines and material movers worldwide. Some of our products include:

- GPS-based fleet management systems
- Collision avoidance safety systems
- Asset Health and predictive maintenance
- Optimized Smart Dispatch
- Autonomous trucks and specialized automation
- Analytics and BI

As Wenco continues to build the next generation of technology, we need a wide range of professionals to help us achieve our objectives. Our rapid expansion has resulted in the need to develop a Cloud and Mobile Team, and as a result, we are looking for a full-time **R&D Manager – Cloud & Mobile Applications** to join our head office in Richmond BC.

Reporting to the Director, Software Engineering and working with local and offshore scrum teams, this role will be responsible for architecting and building a brand new product line. You will bring your creativity and love for making incredible web and mobile applications to help guide the team towards awesome products while having fun getting there. We are starting a new product line that builds upon our 30 years in the industry to take it to the next level with the latest in cloud and mobile services.

This role will assume technical ownership of a product line within Wenco's performance management software suite and engage closely with company stakeholders and product management to build out large scale IoT and fleet applications. If you are a driven and passionate technology leader looking to build great products and make a meaningful impact at a rapidly growing organization, we want to talk to you!

Key Deliverables:

- Drive the development and architecture for new cloud based web and mobile solutions
- Work with talented offshore teams towards product success while building and hiring local team capability
- Generate development estimates, solution proposals, and release timelines for key stakeholders by working with other groups such as project and product management.
- Foster an atmosphere of continuous improvement by serving as a coach, mentor, and technical advisor to your teams. Develop an environment that encourages quality, productivity, and innovation in accordance with our Values.
- Diagnose and resolve systemic obstacles that prevent your team from delivering high-quality software.
- Facilitate team stand-ups, planning, and review meetings as functional manager (or Scrum master for teams that do not have one designated).
- Work closely with product management and other teams to understand business and technology needs. Working with program management, report and maintain visibility for timelines and release schedules.
- Drive execution of the technology strategy across functions. In particular, be effective in working with QA, other R&D Managers and product management groups.

Responsibilities:

- Leading and guiding your designated team(s) and be accountable for the quality and timeliness of their deliverables
- Influencing and improving the product development velocity and agile behavior of your teams
- Build strategies towards maintaining high performing teams and individuals.
- Contributing to continuous improvement in organizational structure, processes, and operations
- Providing product and technical leadership to all team members and driving innovation in technology and product ideas. Expect and require innovation and engineering excellence from your teams.
- Ensuring compliance with product development process, product quality, system architecture and standards (code, design, brand, quality).
- Lead design, code reviews to ensure a consistent high level of design and implementation
- Participate in code reviews and/or test plan reviews as part of the regular sprint cadence.
- Work with the Director of Software Engineering, DevOps as well as other local and remote managers to incrementally improve internal processes and tooling, driving on software quality and release efficiencies.
- Take ownership of new problems and challenges while proactively exploring opportunities to add value.
- Occasional travel to customer sites for field trials of engineering solutions or Hitachi development offices.

EXPERIENCE, KNOWLEDGE, SKILLS AND ABILITY REQUIRED:

Experience, Knowledge & Requirements

- University Degree or College Diploma in Computer Science, Engineering or a related STEM discipline.
- 3-5 years proven leadership experience in software development and software solutions delivered via cloud and mobile technologies;
- Lifecycle management having managed several entire product development cycles from concept to launch
- Knowledge of professional software engineering practices for the full software development life cycle, including best practises related to coding standards, code reviews, source control management, build processes, testing and deployment.
- Experience with Web Services and Service Oriented Architectures (REST APIs)
- Previous product portfolio experience building product for iOS and Android
- Familiarity with Azure or AWS cloud services
- Working knowledge of scalable distributed real-time systems, software architecture, data structure and optimization algorithms
- Demonstrated experience with teams utilizing scrum software development methodologies
- Hands on experience utilizing C++, C#, .Net, GPS, Node.js, React, React Native, Web and Cloud services
- Software engineering experience related to large scale IoT platforms, big data and consumer web sites an asset.

Skills and Abilities

- Excellent stakeholder vision to requirement analysis capability
- Ability to gather and analyse requirements towards creating business recommendations and product vision from concept to delivery
- Excellent people skills with the ability to influence technical and cross-functional teams to get things done
- Proven analytical and problem-solving abilities
- Strong written and oral communication skills

WHY JOIN WENCO?



Getting More Out of Your Mine

- We provide opportunities for growth within a fast scaling company
- We offer an extensive benefits plan
- We provide a fun working environment, including Fresh Fruit Mondays and Popcorn Fridays, along with table tennis, foosball, and electronic darts in our office
- We offer opportunities for continuous training and professional development (in-house and external) to learn the latest technologies
- We offer our employees a profit-sharing plan that provides them with the benefits of their hard work
- We provide free parking and shuttle service for employees using transit
- We are heavily involved in the community and join various events of non-profit organizations
- We offer much more!

Wenco advances the efficiency and safety of the world's surface mining equipment through our fleet management systems. We are committed to providing a stable yet exciting workplace environment for individual employees to build and grow their career with the Company.

Wenco is an Equal Opportunity Employer.

Disclaimer

The information in this description has been designed to indicate the general nature and level of work performed by employees. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to this job. It is not intended as an employment contract. Job descriptions are subject to change, which may not necessarily affect compensation.