

Wenco International Mining Systems (www.wencomine.com) is a software development company that provides GPS-based fleet management systems for open pit mines worldwide. As Wenco continues to build the next generation of technology, we need a wide range of professionals to help us achieve our objectives. We are currently looking for a full-time **DevOps System Engineer** to join our head office located in Richmond BC.

GENERAL SUMMARY: Reporting to the Director, Software Engineering, the DevOps System Engineer is responsible for delivering an end-to-end DevOps solution from initial concept through finished solution in the area of automated build, deployment, monitoring and server infrastructure. The DevOps System Engineer will need the ability to quickly understand needs, from a user perspective, and move from there to a working prototype that captures the essence of what the system should entail. The ability to not only code and configure tools, but also assemble and integrate technology across disparate platforms is critical to success. This includes a deep understanding of systems, data structures, modern scripting and enterprise level languages as well as open source tools that can and should be leveraged to solve problems. The DevOps System Engineer will work in a rapidly changing environment where they can apply initiative and creativity in completing projects.

Key Deliverables:

- Deliver technical solutions for improving overall quality of product build, deployments, monitoring and alerting
- Research new technologies that will improve efficiency and effectiveness
- Analyze, design and evaluate automation scripts and systems
- Participate in managing cloud infrastructure and system administration and work with teams to identify and repair issues on an as-needed basis
- Provide direct server support during various operations such as deployment and general production
- Collaborate with developers and IT to ensure new environments meet requirements and conform to best practices
- Design, implement and test agreed-upon infrastructures
- Prioritize requests from development, quality assurance and product teams fairly to help assess implementations and technology usage standards

Responsibilities:

- Research new technologies that will improve efficiency and effectiveness
- Analyze, design and evaluate automation scripts and systems
- Architect and implement Wencos's cloud based source control, CI, builds and automated testing infrastructure
- Automate system monitoring processes
- Automate provisioning and scaling of services
- Responsible for troubleshooting problems, maintaining virtual environments, build processes

EXPERIENCE, KNOWLEDGE, SKILLS AND ABILITY REQUIRED:

Experience and Knowledge:

- Bachelor's degree in Computer Science, Engineering or relevant field
- Minimum of 3-5 years of related work experience working with local and remote engineering teams across multiple disciplines.
- Software development background, more specifically in automated QA and DevOps space

- Excellent communication and teamwork skills, as you will be working closely with Product Owners, R&D managers, remote cloud teams
- Experience with systems and IT operations
- Experience with automation/configuration management
- A good understanding of open source DevOps technologies and cloud services (experience with Microsoft Azure and Azure DevOps is **required**)

Skills & Abilities

- Atlassian products, Jira, Confluence and Service Desk workflow administration
- Knowledge of cloud technologies and cloud infrastructure, including networking. Azure preferred.
- Experience in creating a CI/CD (continuous integration/deployment) pipeline
- Hands-on experience using industry standard DevOps tools (CI/CD, Jenkins, Cucumber, Git, scripting, Chef, Puppet, Docker, Kubernetes, etc.)
- The desire to improve processes and make our build, test and deploy processes sing using best of breed standards. Working with the development teams towards improving their work processes to take advantage of the improvements.
- Familiar with micro service architectures, multi-cloud, global or regional cloud deployment
- Hands on experience with Microsoft Azure DevOps, dynamic build machines and automated test environments.
- Detail-oriented, with excellent analytical, technical and problem-solving skills.
- Experience with programming and scripting, with a preference for Python, Perl, bash, php etc.
- Prior experience in C++, C#.Net, C programming a plus
- Experience with containerization (Docker, etc.) and container orchestration (Kubernetes, etc.) in deployment and operations
- Familiarity with general monitoring principles, as well as tools like Zabbix or other monitoring tools.
- Experience writing technical documentation for a technical audience.
- Strong problem-solving skills with the ability to work on multiple assignments simultaneously
- Ability to learn, understand, and apply new technologies
- Highly self-motivated and directed
- Clear written and verbal communication in English, with ability to translate non-technical requests and requirements to a technical solution

WHY JOIN WENCO?

- We provide opportunities for growth within the 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 development (in-house and external) to learn the latest technologies
- We offer our employees performance related bonus structures
- 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 work place environment for individual employees to build and grow their career with the Company.



Getting More Out of Your Mine

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.