

Azure DevOps Engineer

Company Overview:

KWESST develops and delivers next generation military and public safety technology for military and first responder customers. The company is proudly Canadian and provides Dismounted/Mounted Domain Expertise in Command-and-Control software development, integration, and support services.

Job Description:

KWESST is seeking a highly skilled and experienced Azure DevOps Engineer to become a part of our team. The ideal candidate should come with a solid background in cloud computing, infrastructure automation, and DevOps practices. As an Azure DevOps Engineer, your core responsibilities will involve the design, implementation, and management of our Azure-based infrastructure and CI/CD pipelines, with a focus on maintaining the reliability and scalability of our applications. Your crucial role will contribute to our mission of developing state-of-the-art cloud-based situational awareness tools for the Law Enforcement and First Responder community.

Job Responsibilities:

1. **Azure Infrastructure Management:**
 - a. Design, implement, and maintain Azure-based infrastructure, including virtual machines, networks, and storage solutions.
 - b. Monitor and optimize Azure resource utilization to ensure cost-efficiency.
 - c. Implement security best practices and ensure compliance with industry standards.
2. **Continuous Integration and Continuous Deployment (CI/CD):**
 - a. Develop and maintain CI/CD pipelines using GitLab or other similar tools.
 - b. Automate software deployment, testing, and release processes.
 - c. Troubleshoot and resolve pipeline issues to ensure a smooth deployment process.
3. **Source Code Management:**
 - a. Manage source code repositories (e.g., Git) and enforce branching strategies.
 - b. Collaborate with development teams to streamline code integration and version control.
4. **Infrastructure as Code (IaC):**
 - a. Use tools like Terraform, and/or ARM templates, to define and provision infrastructure.
 - b. Automate configuration management and environment provisioning.

5. **Monitoring and Logging:**
 - a. Set up monitoring and alerting systems to proactively identify and address performance and reliability issues.
 - b. Collect and analyze logs for troubleshooting and debugging.
6. **Collaboration and Documentation:**
 - a. Collaborate with cross-functional teams, including developers, Quality Assurance, and system administrators.
 - b. Maintain clear and comprehensive documentation for infrastructure and CI/CD processes.
7. **Security and Compliance:**
 - a. Implement security controls and practices to protect Azure resources and data.
 - b. Ensure compliance with industry and regulatory standards.
8. **Capacity Planning and Scalability:**
 - a. Analyze application workloads and plan for scalability and resource allocation

Qualifications:

Experience:

- Proven track record as a DevOps Engineer or in a similar role.
- Strong expertise in Microsoft Azure services and solutions.
- Proficiency in scripting and automation (e.g., PowerShell, Bash).
- Hands-on experience with containerization and orchestration (e.g., Docker, Kubernetes).
- Knowledge of infrastructure as code (IaC) tools and best practices.
- Familiarity with CI/CD tools (e.g., Azure DevOps, Jenkins, etc.).
- Strong problem-solving and troubleshooting abilities.
- Effective communication and collaboration skills.
- Azure-related certifications, such as Microsoft Certified: Azure DevOps Engineer Expert, are a valuable addition.

Education:

A Bachelor's degree in computer science, Information Technology, or a related field (or equivalent practical experience).

Skills:

- Azure Cloud Services
- Infrastructure Automation
- CI/CD Pipeline Management

- Source Code Version Control
- Scripting and Automation
- Containerization and Orchestration
- Security and Compliance
- Monitoring and Logging
- Problem Solving
- Collaboration and Communication

How to Apply:

If you have a strong passion for Azure and DevOps and are eager to join the dynamic team at KWESST, we invite you to submit your resume to employment@kwesst.com. Please make sure to emphasize your pertinent experience and any certifications you hold.

KWESST is an equal opportunity employer and is committed to providing equal employment opportunities to all qualified individuals regardless of race, color, religion, sex, gender identity, sexual orientation, marital status, national origin, age, disability of any other protected status under applicable law. We celebrate diversity and are dedicated to creating a work environment that is inclusive and welcoming to all, including LGBTQ2S+ individuals. Our hiring decisions are based on qualifications, merit, and business needs. In every step of the interview procedure, KWESST is committed to providing accommodations.