Full Stack Engineer – Azure/Kubernetes

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 Full Stack Engineer with a primary focus on Azure and Kubernetes to become a part of our team. As a Backend Engineer, you will be responsible for designing, developing, and maintaining the backend systems that power our applications and services. You will work closely with cross-functional teams, including DevOps, front-end developers, and product managers, to ensure the scalability, reliability, and performance of our cloud-based solutions. You will play a vital role in crafting state-of-the-art cloud-based situational awareness tools tailored for the needs of the Law Enforcement and First Responder community.

Job Responsibilities:

Azure Cloud Development:

- Collaborate with the DevOps team to build, deploy, and maintain cloud-native applications on the Microsoft Azure platform.

Kubernetes Expertise:

- Utilize your extensive Kubernetes experience to orchestrate containerized applications, manage deployments, and ensure high availability.

Backend Development:

- Design, implement, and maintain backend services, Application Programming Interfaces (APIs), and microservices using languages such as Python, Java, or Go.

Database Management:

- Work with various databases, both relational and NoSQL, to store and retrieve data efficiently.

Scalability and Performance:

- Optimize backend systems for scalability and performance, ensuring seamless user experiences even under heavy loads.

Monitoring and Troubleshooting:

- Implement monitoring solutions and participate in troubleshooting and debugging activities to resolve production issues.

Security:

- Implement and maintain security best practices for backend services, including authentication, authorization, and data encryption.

Collaboration:

- Collaborate with cross-functional teams to define technical requirements, provide insights, and contribute to architectural decisions.

Documentation:

- Create and maintain technical documentation, including design specifications, system diagrams, and coding standards.

Qualifications:

Experience:

· Demonstrated expertise in Microsoft Azure, specifically Azure Kubernetes Service (AKS).
· Strong proficiency in containerization and the orchestration of Kubernetes.
· Competence in at least one backend programming language (e.g., Python, Java, Go).
· Experience in cloud-native architectures and serverless computing.
· Knowledge of database systems, encompassing SQL and NoSQL, as well as data modeling.
· Familiarity with CI/CD pipelines and version control systems (e.g., Git).
· Comprehension of microservices architecture and the design of RESTful APIs.
· Exceptional problem-solving skills and effective teamwork capabilities.
· Outstanding communication skills, enabling the clear articulation of technical concepts to non-technical stakeholders.

Education:

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

Preferred Qualifications:

· Microsoft Azure certification (such as Azure Developer, Azure Administrator, or Azure Solutions Architect).
· Proficiency in other cloud providers (e.g., AWS, GCP).
· Acumen in infrastructure as code (e.g., Terraform).
· Comfort with containerization tools, extending beyond Kubernetes (e.g., Docker).
· Exposure to DevOps practices and tools (e.g., Jenkins, Ansible).
· Grasp of agile development methodologies.

How to Apply:

If you are a Full Stack Engineer with a strong focus on Azure and Kubernetes, ready to take on exciting challenges in a fast-paced environment 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 LQBTQ2S+ 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.