

Senior Azure DevOps Engineer

Location: Kitchener, Ontario, Canada (Hybrid – Onsite & Remote)

Company: Squint Cognition Inc. (www.squintcognition.com)

About Us

Squint Cognition Inc. develops cognitive AI systems designed to make AI think - bridging the gap between human reasoning and machine intelligence. As a cutting-edge startup, we focus on creating innovative AI solutions that enhance decision-making in autonomous systems. We are passionate business leaders and technologists with deep expertise in developing software solutions where safety and reliability come first.

Position Overview

We are seeking a highly skilled and motivated **Senior Azure DevOps Engineer** to join our dynamic team. This role is critical in designing, implementing, and maintaining our product infrastructure in Microsoft Azure. The successful candidate will lead DevOps initiatives, develop Infrastructure as Code (IaC) using Bicep, and contribute to backend services through C# Azure Functions. You will collaborate closely with our development teams to ensure scalable, secure, and automated deployments across environments, while aligning with compliance frameworks such as ISO 27001 and SOC 2. This role focuses on product infrastructure rather than corporate IT systems.

Key Responsibilities

- **DevOps & CI/CD:** Design and maintain CI/CD pipelines using GitHub Actions for automated builds, tests, and deployments.
- **Infrastructure as Code:** Develop and manage IaC templates using Bicep and ARM for provisioning and configuring Azure resources.
- **Cloud Architecture:** Architect and optimize Azure-based infrastructure for high availability, scalability, and security.
- **Azure Function Development:** Build and maintain serverless solutions using C# Azure Functions to support product features.
- **Security & Compliance:** Implement and enforce security best practices, including identity and access management, encryption, and monitoring, ensuring compliance with ISO 27001, SOC 2, and other relevant standards.
- **Security & Compliance Automation:** Automate security and compliance checks within CI/CD pipelines.
- **Monitoring & Observability:** Configure monitoring, logging, and alerting using Azure Monitor and Application Insights.
- **Containerization & Orchestration:** Implement container-based solutions (Docker, Azure Container Apps/Kubernetes).
- **Collaboration:** Work closely with software engineers to integrate infrastructure and deployment strategies into the development lifecycle.

Qualifications

- **Education:** Bachelor's degree in Computer Science, Software Engineering, or related field.
- **Experience:**
 - 5+ years in DevOps or cloud engineering roles, with strong experience in Microsoft Azure.
 - Proven track record in CI/CD pipeline design, IaC development, and cloud-native application deployment.
 - Experience implementing security and compliance controls aligned with ISO 27001 and SOC 2.
 - Experience with GitHub Advanced Security or automated compliance checks.
 - Knowledge of Azure Policy and Defender for Cloud for compliance enforcement.
- **Technical Skills:**
 - Microsoft Azure (Compute, Networking, Storage, Security)
 - GitHub and GitHub Actions
 - Infrastructure as Code (Bicep, ARM)
 - C# and .NET for Azure Functions
 - Docker and container orchestration (AKS or Azure Container Apps)
 - Git and version control best practices
 - Security frameworks and compliance standards (ISO 27001, SOC 2)
- **Soft Skills:** Strong problem-solving abilities, excellent communication skills, attention to detail, and a proactive mindset.
- **Microsoft Certified:** Azure DevOps Engineer Expert, Azure Solutions Architect Expert, or similar certifications are a plus.

Tools & Technologies

- **Cloud Platform:** Microsoft Azure (Compute, Networking, Storage, Security)
- **CI/CD & Version Control:** GitHub, GitHub Actions
- **Infrastructure as Code:** Bicep, ARM Templates
- **Programming & Frameworks:** C#, .NET for Azure Functions
- **Containerization & Orchestration:** Docker, Azure Kubernetes Service (AKS), Azure Container Apps, Azure Static Web Apps
- **Monitoring & Observability:** Azure Monitor, Application Insights
- **Security & Compliance:** Azure Policy, Defender for Cloud, GitHub Advanced Security
- **Other:** Git, YAML for pipeline definitions

Why Join Us:

- **Innovative Environment:** Be part of a forward-thinking team that is shaping the future of AI and autonomous systems.
- **Growth Opportunities:** As a startup, we offer significant opportunities for professional growth and development.

- **Collaborative Culture:** Work in a supportive and collaborative environment where your contributions are valued.

How to Apply: Interested candidates are invited to submit their resume and cover letter to careers@squintcognition.com.