

RICKY ZAMAN

Engineering Manager | Cloud & Generative AI | DevSecOps

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PROFESSIONAL SUMMARY

Engineering Manager with 7+ years at a Top-5 Canadian bank, leading teams that build enterprise cloud and Generative AI platforms. Came up through hands-on development and senior DevSecOps engineering, and now combines people management with product ownership. Deep experience with Azure, Azure OpenAI, CI/CD automation, and application security in a regulated banking environment, with a record of delivering ahead of schedule.

CAREER HIGHLIGHTS

- Promoted from Associate Software Developer to Engineering Manager in 4 years at TD Bank.
- Two-time Legendary Award recipient for technical leadership and measurable business impact.
- Shipped an enterprise Generative AI intake solution in under 2 months on Azure OpenAI and AI Search.
- Delivered the bank's first Azure-based real-time procurement data platform.
- Built CI/CD automation supporting 300+ monthly microservice deployments.

WORK EXPERIENCE

TD Bank

Toronto, ON

Engineering Manager

Dec 2025 - Present

- Lead and mentor a team of 6 engineers responsible for enterprise procurement platforms, covering technical direction, roadmap delivery, and stakeholder alignment.
- Act as Product Owner for the bank's first Azure-based procurement data pipeline, which replaced manual legacy reporting with near real-time analytics.
- Delivered a cloud-native procurement intake platform built on React and Azure in under 2 months, replacing a legacy low-code solution.
- Launched conversational AI intake using Azure OpenAI (GPT-4) and Azure AI Search, improving submission quality and reducing manual procurement effort.
- Directed vulnerability management and audit remediation across procurement applications, closing 70+ security findings without operational disruption.

TD Securities

Toronto, ON

Senior DevSecOps Engineer

Nov 2024 - Dec 2025

- Designed and implemented enterprise CI/CD automation supporting 300+ monthly microservice deployments, improving release velocity and reliability.
- Led security architecture reviews and risk assessments for 3 strategic banking platforms, including a Generative AI Sandbox, to meet OSFI and enterprise security standards.
- Managed the full refactor of TD Gigs, an internal talent marketplace, from Angular to React along with a migration to GCP, resolving governance findings.

Full Stack Solutions Engineer

Jul 2022 - Nov 2024

- Eliminated 8,600+ hours of annual manual effort by building automation across enterprise security processes.
- Architected the migration from legacy infrastructure to VMware Cloud (VMC2), delivering an Active-Active platform with high availability and disaster recovery 8 months ahead of schedule while supporting 50% user growth.

TD Bank

Toronto, ON

Associate Software Developer

Jun 2020 - Jul 2022

- Built an enterprise talent management platform that cut candidate matching time by 50% and improved placement accuracy by 20%.
- Developed 20 Splunk dashboards for real-time monitoring and faster incident response across critical banking systems.

Palomino Systems Inc.

Toronto, ON

Full Stack Developer

Apr 2019 - Sep 2019

- Delivered end-to-end web applications for 5 clients, from requirements through production deployment.
- Increased organic traffic by 30% through SEO work and front-end performance tuning.
- Ran load testing and scaled hosting infrastructure to keep applications responsive under traffic growth.

Ontario Treasury Board Secretariat

Oshawa, ON

Web Developer

Aug 2018 - Jan 2019

- Built an ASP.NET MVC application to track and report file transmission errors across government systems.
- Led release testing and introduced QA practices that streamlined weekly CRM deployments.

TECHNICAL SKILLS

- **Cloud & Infrastructure:** Azure (ADF, OpenAI, AI Search, SQL, Functions, DevOps), GCP, Docker, Kubernetes, Terraform, VMware Cloud (VMC2)
- **AI & Data:** Azure OpenAI (GPT-4), Azure AI Search, Retrieval-Augmented Generation (RAG), Azure SQL, MongoDB, OCI Generative AI
- **Languages & Frameworks:** Python, C#, JavaScript/TypeScript, React, Angular, Node.js, ASP.NET MVC, PowerShell
- **DevSecOps & Observability:** GitHub Actions, Jenkins, TeamCity, Nexus, Splunk, Grafana, Prometheus, OWASP, SAST/DAST
- **Leadership & Delivery:** People management, product ownership, Agile/Scrum, stakeholder management, vendor management, security governance

CERTIFICATIONS

- Microsoft Certified: Azure Fundamentals (AZ-900)
- Microsoft Certified: Azure Data Fundamentals (DP-900)
- Microsoft Certified: Azure AI Fundamentals (AI-900)
- Oracle Generative AI Professional
- Oracle Cloud Infrastructure AI Foundations

EDUCATION

Certificate in DevOps, York University

Advanced Diploma, Computer Programming & Analysis, Seneca College

Bachelor of Science, Medical Radiation Sciences, University of Toronto

Bachelor of Science (Honours), Biomedical Science, York University