

Ethan Tremblay

Senior Cloud Architect

CONTACT

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SKILLS

Cloud

AWS, GCP, Azure,
Cloudflare

DevOps

Terraform,
Kubernetes, Docker,
CI/CD

Code

Python, Go, Bash,
SQL, Node.js

Tools

Git, Linux,
Prometheus, Ansible

CERTIFICATIONS

AWS Certified Solutions
Architect – Professional

Certified Kubernetes
Administrator (CKA)

HashiCorp Certified: Terraform
Associate

EDUCATION

B.Sc. Computer Science
University of Toronto
Class of 2018

PROFESSIONAL SUMMARY

Results-driven Senior Cloud Architect with over 8 years of experience designing, deploying, and optimizing secure, high-availability cloud infrastructure. Proven expertise in migrating complex legacy microservices to modern containerized platforms. Adept at building robust CI/CD pipelines, automating infrastructure with Terraform, and implementing cost-saving strategies that reduce operational expenses without sacrificing performance.

PROFESSIONAL EXPERIENCE

Senior Cloud Architect

Toronto, ON

2022 – Present

Shopify

- Orchestrated the migration of high-throughput retail APIs from on-premise servers to Nexa Cloud Platform (GCP) Kubernetes Engine, increasing average uptime to 99.99%.
- Designed and modularized enterprise-wide Terraform templates, slashing infrastructure setup time from 4 days to under 15 minutes.
- Implemented advanced monitoring and alerting using Prometheus and Grafana, reducing incident resolution time by 30%.
- Established strict cloud security policies and IAM roles aligned with SOC2 security standards.

Cloud DevOps Engineer

Toronto, ON

2019 – 2022

Royal Bank of Canada

- Constructed AWS landing zones and secure networking topologies for banking applications.
- Developed Jenkins pipelines with integrated static code analysis (SonarQube) and dependency scanning, reducing production defects by 25%.
- Managed containerized deployments on Vertex Elastic Kubernetes Service (EKS) and optimized auto-scaling thresholds to handle seasonal web traffic spikes.

Systems Administrator

Vancouver, BC

2018 – 2019

Hootsuite

- Automated operating system updates, backups, and user access controls across 150+ Linux servers using Ansible playbooks.
- Supported engineering teams with local Docker development environments and resolved network configuration issues.

KEY PROJECTS

Multi-Cloud Serverless Analytics Engine

2023

Architected and built a highly resilient serverless pipeline using Cloudflare Workers, AWS Lambda, and GCP BigQuery to parse and aggregate 5M+ daily user activity logs, lowering data storage costs by 40%.

Kubernetes Cluster Bootstrapper

2021

Authored an open-source CLI utility in Go that automates the provisioning of production-grade Kubernetes clusters with integrated network policies and security monitoring. Secured 800+ stars on GitHub.