

# Peter Choi

**Location:** Toronto, ON, Canada

**Email:** shpeterchoi@outlook.com

**LinkedIn:** <https://www.linkedin.com/in/pechoi>

**GitHub:** <https://github.com/peterchoi-ca>

**Web:** <https://www.peterchoi.ca>



## Profile

Peter is an experienced IT professional with a versatile background in system administration, professional services, and consulting. He is proficient in GCP and Azure, excelling at automating CI/CD pipelines with modern software development practices. Committed to learning, Peter enjoys updating skillsets in emerging technologies. As a technical consultant, he focuses on driving business value through automation and cloud solutions.

### Skills:

- **CI/CD:** Azure DevOps, GitLab, GitHub Actions, ArgoCD
- **IaC:** Terraform (Community), Terraform Cloud
- **Secrets Management:** HashiCorp Vault Enterprise, HCP Vault
- **CSPs:** GCP, Azure
- **Container Orchestration:** Podman, Kaniko, Kubernetes
- **Automation:** Git, Bash Scripting, Golang

## Work Experience

06/2025 – present  
Toronto, Canada

### **Sr Cloud DevOps Engineer** **Intact Financial Corporation**

GenAI platform enablement and support across all the major cloud providers.

11/2024 – 06/2025  
Toronto, Canada

### **Sr Cloud DevOps Consultant** **Blue Mantis**

Member of the Professional Services team.

#### **Lead DevOps Consultant at a Global Travel Services Provider:**

- Led a migration from self-managed Vault Enterprise running on AWS EC2 with Consul backend storage to HashiCorp Cloud Platform (HCP) Vault managed service.
- Designed HCP Vault cluster architecture to meet current and future requirements.
- Established AWS transit gateway integrations with central network teams to enable flexible connectivity between client AWS environments and HCP.
- Developed a Terraform module to build HCP Vault infrastructure according to project design specifications.
- Implemented a GitHub Actions-based Terraform pipeline for automated deployment and management of HCP infrastructure while adhering to the customer's code linting, testing, and security standards.
- Developed custom migration scripts in Bash.

#### **Lead Azure Consultant at a Global Insurance Provider:**

- Led the development of Azure DevOps pipelines to publish custom metrics to Azure Monitor via REST API using Terraform external data script.
- Implemented cross-platform observability solution integrating custom metrics between Azure and OpsRamp environments using Azure Event Hub streaming.

11/2020 – 11/2024  
Toronto, Canada

### **Cloud Consultant** **Sourced Group (Acquired by Amdocs)**

Member of the Professional Services team.

**Project experiences as the Lead GCP Consultant for major Canadian telco provider**  
**DevOps Squad Team Lead:**



## Work Experience

- Led a six-member team managing the backlog, driving product management, leading standups, unblocking engineers, and conducting architecture and PR reviews.

### HashiCorp Vault Implementation:

- Led the integration of just-in-time ephemeral credential delivery for GCP service accounts within Terraform pipelines.
- Retrofitted existing GitLab pipeline flows with dynamic secrets injection capabilities.
- Implemented the injection of ephemeral credentials into HCP Terraform Cloud workspaces using the Vault API.

### GCP Permissions Automation:

- Developed Terraform modules for GCP org/folder/project level permission automation and role assignments.
- Automated IAM role assignments using GitLab pipelines.
- Streamlined permission management by migrating manually created IAM configurations into managed Terraform states and code.

### Container Image Hardening:

- Enhanced Cloud Run deployment security by implementing GitLab pipelines with integrated Prisma vulnerability scanning and GCP binary authorization.

### Project experience as the Technical Lead for CAD Federal Public Agency.

#### Azure Enablement:

- Led cloud migration readiness assessments of pathfinder applications.
- Implemented a tailored .NET app deployment pipeline for Windows-based CRUD systems using Azure SQL, App Service Environment with deployment slots, Azure DevOps pipelines, and Terragrunt.

02/2019 – 11/2020  
Toronto, Canada

### Professional Services Consultant Scalar Decisions (Acquired by CDW Canada)

Member of the Professional Services team, with a focus on Hybrid IT.

Project experiences included:

- Terraform automation around reusable Azure transit infrastructure using Palo Alto NGFW.
- Cloud readiness assessment and cost analysis on Azure.
- VMware DR from on-premises to cloud using Azure Site Recovery.
- NetApp Cloud Volumes on Azure.

09/2014 – 02/2019  
Toronto, Canada

### Technical Architect Long View Systems

Member of the Professional Services team.

- Led and executed infrastructure projects spanning network, storage, and virtualization using VMware, Nutanix, Cisco, NetApp, and Azure.
- Contributed to pre-sales activities as a secondary focus. These included designing POCs, and vetting Statements of Work (SOW).



## Education

09/2005 – 08/2008  
Toronto, Canada

### Computer Systems Technology | 3-yr diploma Seneca College