TIGRAN HOVHANNISYAN

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PROFESSIONAL SUMMARY

DevOps and Cloud Infrastructure Engineer with over 12 years of experience delivering scalable, secure, and automated cloud solutions. Specializes in Infrastructure as Code (IaC), CI/CD pipeline design, container orchestration, and developer platform engineering across multi-cloud environments (GCP, AWS, OCI). Proven record of reducing deployment times, increasing system reliability, and enabling developer productivity through automation and modern DevOps practices.

PROFESSIONAL EXPERIENCE

Questrade Financial Group - *Senior Infrastructure Engineer*
Yerevan, Armenia
12/2022 – 12/2024

- Designed and maintained a developer-first platform on GCP to boost engineering productivity and deployment velocity.
- Developed automated CI/CD pipelines using GitLab, Python, and Terraform, significantly improving software delivery cycles.
- Led automation efforts to streamline developer onboarding and environment setup, enhancing reliability and reducing manual errors.

Oracle – *Principal Software Development Engineer (DevOps/Platform Engineering)*
Dublin, Ireland
05/2020 – 07/2022

- Developed cloud-native platforms leveraging Terraform, Ansible, and Python to support Oracle Cloud services
- Migrated legacy Jenkins pipelines and services into Oracle Cloud Infrastructure (OCI), improving scalability and cost efficiency.
- Managed and optimized Oracle Linux repositories, ensuring secure and reliable package distribution.

MCAFEE, FRM. Intel Security - *Senior Software Development Engineer / DevOps Specialist*
Cork, Ireland
05/2016 - 05/2020

- Designed and built cloud-based, low-latency backend RESTful services using C++ and Python on AWS.
- Initiated and implemented a containerized CI pipeline with Docker and Jenkins, reducing deployment time and errors.
- Conducted performance testing and optimization for GCP services, including BigTable performance validation

Valeo Vision Systems - *Software Architect*
Tuam, Ireland

READY FOR

- **DevOps Engineer** roles
- **Cloud Infrastructure / SRE** positions
- **Platform Engineering** opportunities

CORE COMPETENCIES

Cloud Platforms: GCP, AWS, OCI
Infrastructure as Code: Terraform, Ansible
Containers & Orchestration: Docker, Kubernetes, Helm
CI/CD: GitLab, Jenkins, GitHub Actions
Scripting & Programming: Python, Bash, C++
Monitoring & Observability: Datadog, Istio
Practices: Infrastructure as Code (IaC), Microservices, DevOps, Scrum

EDUCATION

BSc in Computer Science:
National Polytechnic University of Armenia
Yerevan, Armenia
Sep 2002 – Jun 2006
- Awarded maximum score (100/100) for diploma thesis.

Enterprise Modelling (Summer School Scholarship)
Universität Duisburg-Essen,
Jan 2011 – Aug 2011

CERTIFICATIONS

- AWS Developer Associate (2018)

RELEVANT PROJECTS

- tighov.link: Personal AWS-hosted blog and CV site, built with serverless technologies and static hosting.

- Instigate STL: Custom C++ STL library applying generic programming principles.

ADDITIONAL INFORMATION

11/2014 - 05/2016
- Led the design and optimization of embedded automotive platforms, ensuring system safety (ASIL compliance) and performance.
- Applied software requirements analysis and framework redesign — principles beneficial to infrastructure code and platform design.

[Energize Global Services](#) - ***Senior Embedded Software Developer / Team Lead***
Yerevan, Armenia
12/2013 - 11/2014
- Applied TDD and Python-based automation for testing embedded payment systems — introduced practices later scaled to DevOps automation.

Additional Technical Experience
(Condensed for relevance to DevOps)
- [SYNOPSYS](#) - *Data analysis pipeline development and functional automation (Python, C++).*
- [LTX-CREDENCE](#) - *Build system reimplementation (GNU Make, Perl).*
- [INSTIGATE CJSC](#) - *GPU-accelerated algorithm development (CUDA, OpenCL) — foundation in high-performance systems engineering.*

Languages: Armenian (native), English (fluent), Russian (fluent)

Location: Armenia (Open to relocation or remote)