TIGRAN HOVHANNISYAN

DevOps Engineering Manager | Cloud & Platform Engineering

email@thetigran.com | +374 55 909 979 | Armenia (Remote; open to relocation)
LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

DevOps Engineering Manager with over 12 years of experience building and leading teams to create scalable cloud platforms across GCP, AWS, and OCI. Proven track record in migrating legacy systems and automating infrastructure, most notably reducing release cycles from weeks to a few hours at a major financial group. Specializes in Kubernetes, Infrastructure as Code (Terraform), and CI/CD automation, bridging the gap between development and operations in high-stakes environments like finance and cybersecurity.

CORE TECHNICAL SKILLS

Cloud & Platforms: Google Cloud (GCP), AWS, Oracle Cloud (OCI), Kubernetes, Docker
Infrastructure & Automation: Terraform, Ansible, Helm, Python, Bash
CI/CD & Observability: GitLab CI/CD, Jenkins, Datadog, Prometheus, Istio
Engineering Practices: Platform Engineering, Infrastructure as Code, GitOps, Agile/Scrum

PROFESSIONAL EXPERIENCE

DevOps Engineering Manager — May 2024 – Present
Bootech CJSC | Yerevan, Armenia | Remote

- Grew and mentored a team of 4 DevOps engineers, establishing a culture of platform engineering that led to a 50% reduction in production incidents within the first year.
- Architected and deployed on-premise Kubernetes clusters from the ground up, providing a stable, scalable platform for 10+ critical microservices.
- Automated Kubernetes cluster provisioning with Ansible and GitLab CI, reducing the time to stand up a new production-ready environment from 3 days to 2 hours.
- Developed automated workflows for database initialization and application deployment, enabling developers to self-serve and reducing the DevOps team's ticket load by 30%.

Senior Infrastructure Engineer — Dec 2022 – Mar 2024
Questrade Financial Group | Yerevan, Armenia | Remote

- Overhauled CI/CD pipelines using GitLab CI, Terraform, and Python, slashing the release cycle for core applications from 2 weeks to under 4 hours.
- Designed and built a self-service internal developer platform on GCP, enabling 50+ developers to provision their own testing environments in minutes instead of days.
- Automated developer onboarding by creating standardized templates and scripts, eliminating manual configuration errors and ensuring new hires could commit code on their first day.
- Introduced GitOps principles with ArgoCD for managing Kubernetes applications, which improved deployment reliability and provided a clear audit trail for all changes.

Principal Software Development Engineer (DevOps/Platform) — May 2020 – Jul 2022
Oracle | Dublin, Ireland | Hybrid

- Led the design of a multi-tenant platform on OCI using Terraform and Kubernetes, serving as the foundation for 5 new internal Oracle services.
- Migrated over 100 legacy Jenkins CI/CD pipelines to a modern, container-based OCI DevOps service, reducing average build times by 60% and cutting infrastructure costs by an estimated $50k annually.

- Engineered a centralized Oracle Linux repository management system, ensuring consistent and secure package distribution for over 1,000 internal servers and reducing patching time by 75%.

Senior Software Development Engineer / DevOps Specialist
May 2016 – May 2020

McAfee (Intel Security) | Cork, Ireland

- Designed and delivered low-latency, C++/Python-based RESTful backend services on AWS for a high-throughput security analytics platform.
- Pioneered the adoption of containerization by building the first Docker and Jenkins-based CI pipeline, cutting deployment time for key services from hours to minutes.
- Conducted performance analysis on GCP services, identifying a Bigtable schema bottleneck and proposing a redesign that improved query latency by 3x.

Software Architect
Nov 2014 – May 2016

Valeo Vision Systems | Tuam, Ireland

- Led the architecture of embedded automotive platforms, optimizing system performance while adhering to strict ASIL safety standards.
- Applied software requirements analysis and framework redesign to improve system architecture.

Senior Embedded Software Developer / Team Lead
Dec 2013 – Nov 2014

Energize Global Services | Yerevan, Armenia

- Introduced test-driven development (TDD) and Python-based test automation for payment systems, significantly reducing manual QA cycles.

EARLIER TECHNICAL EXPERIENCE

Synopsys - Data-analysis pipelines and functional automation (Python, C++).

LTX-Credence - Build-system reimplementation (GNU Make, Perl).

Instigate CJSC - GPU-accelerated algorithm development (CUDA, OpenCL).

EDUCATION

BSc, Computer Science - National Polytechnic University of Armenia, Yerevan | Sep 2002 – Jun 2006

Diploma thesis: 100/100.

Enterprise Modelling Summer School Scholarship - Universität Duisburg-Essen | Jan – Aug 2011

CERTIFICATION

AWS Certified Developer – Associate (2018)

SKILLS

Cloud & Platforms: GCP, AWS, Oracle Cloud (OCI), Kubernetes, Docker, Istio **IaC & Automation**: Terraform, Ansible, Helm, Python, Bash
CI/CD & Observability: GitLab CI/CD, Jenkins, Datadog, Prometheus

SELECTED PROJECTS

tighov.link - Personal blog and CV site hosted on an AWS serverless stack (Lambda, API Gateway, S3, CloudFront), with reported sub-second global load times.

Instigate STL - Custom C++ STL library focused on generic programming and high-performance computing.

LANGUAGES

Armenian (native) | English (fluent) | Russian (fluent)