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| **Tigran Hovhannisyan** |

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|  | **Professional Summary**  DevOps & Cloud Infrastructure Engineer with 12+ years of experience building scalable, automated platforms across GCP, AWS, and OCI. Expert in Kubernetes, Terraform, and CI/CD pipelines (GitLab/Jenkins), delivering up to **faster deployments** and **99.99% uptime** in production. Proven success in remote, distributed teams across finance, cloud, and cybersecurity sectors.  **Professional Experience**  **Senior Infrastructure Engineer** Questrade Financial Group — Yerevan, Armenia | *Remote*  *Dec 2022 – Dec 2024*   * Engineered a developer-first GCP platform, reducing environment setup time and accelerating deployments. * Automated CI/CD workflows with GitLab, Python, and Terraform, cutting release cycles from weeks to hours. * Led automation efforts to streamline developer onboarding and environment setup, enhancing reliability and reducing manual errors.   **Principal Software Development Engineer (DevOps/Platform)** Oracle — Dublin, Ireland | *Hybrid* *May 2020 – Jul 2022*   * Built 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.   **Senior Software Development Engineer / DevOps Specialist** McAfee (Intel Security) — Cork, Ireland  May 2016 – May 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   **Software Architect** Valeo Vision Systems — Tuam, Ireland Nov 2014 – May 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.   **Senior Embedded Software Developer / Team Lead** Energize Global Services — Yerevan, Armenia  Dec 2013 – Nov 2014   * Applied TDD & Python-based automation for payment systems, reducing QA cycles.   **Additional Technical Experience** *(Condensed for relevance to DevOps)*   * [SYNOPSYS](https://en.wikipedia.org/wiki/Synopsys) - *Data analysis pipeline development and functional automation (Python, C++).* * [LTX-CREDENCE](https://en.wikipedia.org/wiki/LTX) - *Build system reimplementation (GNU Make, Perl).* * [INSTIGATE CJSC](https://ggg.instigatedesign.com/#1) - *GPU-accelerated algorithm development (CUDA, OpenCL) — foundation in high-performance systems engineering.* |  | **Core Skills**  **Cloud Platforms**: GCP, AWS, OCI **IaC & Automation:** Terraform, Ansible, Helm **Containers & Orchestration:** Kubernetes, Docker **CI/CD:** GitLab, Jenkins, GitHub Actions **Scripting & Development:** Python, Bash, C++ **Monitoring & Observability:** Datadog, Istio, Prometheus **Practices**: Infrastructure as Code, Microservices, Agile/Scrum, GitOps **Other:** Cloud Security, Cost Optimization, Remote Collaboration  **Education**  *BSc in Computer Science*:  [National Polytechnic University of Armenia](https://en.wikipedia.org/wiki/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)](https://www.certmetrics.com/amazon/public/badge.aspx?i=2&t=c&d=2018-10-11&ci=AWS00617355)   **RELEVANT PROJECTS**  **tighov.link** – AWS-hosted personal blog & CV site using serverless stack (Lambda, API Gateway, S3, CloudFront), achieving <1s load times globally. **Instigate STL** – Custom C++ STL library for high-performance computing with generic programming principles.  **Additional Information**  **Languages:** Armenian (native), English (fluent), Russian (fluent)  **Location:** Armenia (Open to relocation or remote) |  |