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| **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](https://en.wikipedia.org/wiki/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](https://en.wikipedia.org/wiki/Valeo) - *Software Architect*  Tuam, Ireland  *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](http://energizeglobal.com/) - ***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](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.* |  | **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](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](https://tighov.link/): Personal AWS-hosted blog and CV site, built with serverless technologies and static hosting. * [Instigate STL](http://instigate-stl.sourceforge.net/): Custom C++ STL library applying generic programming principles.   **Additional Information**  **Languages:** Armenian (native), English (fluent), Russian (fluent)  **Location:** Armenia (Open to relocation or remote) |  |