

# Roman Goryachev

Senior DevOps Engineer, DataOps, MLOps, Cloud Infrastructure

Greater Tampa Bay Area

Portfolio: <https://romanbrick.github.io/Portfolio/>

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## Core Technical Skills

Containers & Orchestration: Kubernetes · Docker · Helm

Cloud Platforms: AWS · Azure

Infrastructure as Code: Terraform · Ansible · CloudFormation

CI/CD & Version Control: GitLab · GitHub Actions · GitFlow · Jenkins

Monitoring & Observability: Prometheus · Grafana · ELK · Loki · Zabbix · Dynatrace

Programming & Data: Python · C# · SQL · Kafka · Airflow · Debezium · Hadoop · Spark

Specialized Areas: MLOps · DataOps · SRE · Security

Operating Systems: Linux · Windows

## Education & Certifications

MIT Sloan School of Management – Data Engineering Certificate (*Expected Oct 2025*)

Stanford University – Machine Learning Specialization (*Jan 2024*)

Duke University – MLOps Specialization (*Jun 2023*)

Arizona State University – Calculus I/II for Engineers (*Dec 2023*)

*Brand College - Networking, CCNA (2019)*

*Siberian Federal University - Bachelor of Science - BS (2006)*

## Summary

Cloud-native Senior DevOps Engineer with a strong track record in building scalable developer platforms and automating infrastructure at scale. Specialized in Kubernetes-based platform tooling, IaC frameworks, and observability systems that improve performance and reliability across hybrid cloud environments. Adept in developing CI/CD pipelines for ML and application workloads using GitLab, Terraform, and Ansible.

Proven success in partnering with engineering teams to design secure, performant cloud infrastructure across AWS, Azure, and Runpod. Experienced in implementing robust automation, centralized logging, and SOC 2-compliant cloud practices. Hands-on expertise in Python development, container orchestration, SRE tooling, and improving developer velocity by delivering resilient and efficient infrastructure solutions.

## **Professional Experience**

### **Senior DevOps Engineer – AutoVitals**

***Feb 2023 – Present · Los Angeles, CA***

- Managed Kubernetes clusters across multi-cloud environments with Prometheus, Loki, and Grafana integration to enhance monitoring and reliability.
- Engineered CI/CD pipelines for ML models using GitLab and Terraform, reducing delivery timelines by 40%.
- Reallocated workloads to Azure Functions, AWS Lambda, and Runpod, optimizing runtime efficiency and cutting cloud spend by 35%.
- Introduced SOC 2-compliant infrastructure controls, eliminating security gaps prior to audit and improving compliance posture.
- Implemented centralized log aggregation and alerting workflows to reduce false positives by 60%.
- Partnered with ML teams to redesign training pipelines, resolving resource bottlenecks and accelerating experimentation by 25%.
- Established container image security pipelines using Trivy and Cosign, ensuring verified and secure deployments.
- Initiated infrastructure-as-code practices using reusable Terraform modules and dynamic Ansible playbooks, improving provisioning speed by 60%.

### **DevOps Engineer / SRE – AutoVitals**

***Jun 2021 – Feb 2023 · Los Angeles, CA***

- Refactored 50+ services for container-based execution using Docker and Helm, improving deployment consistency.
- Supported cross-functional teams through robust Dev, QA, and staging environments that enhanced development throughput by 30%.
- Implemented GitFlow branching and CI validation gates to minimize integration risks and halve merge-related errors.
- Designed predictive alerting using Zabbix and Dynatrace for over 80 services, elevating system uptime to 99.9%.
- Built provisioning frameworks with Terraform and Ansible, reducing manual setup and deployment incidents by 85%.

- Developed Prometheus exporters to surface custom application metrics and drive data-informed alerts and decisions.

### **DevOps Engineer – Cartwheel**

***Mar 2020 – Jun 2021 · Los Angeles, CA***

- Delivered seamless Blue/Green release architecture on AWS via Terraform and Ansible, ensuring zero-downtime upgrades.
- Built cloud provisioning workflows that shortened environment setup duration by 80% and improved stability.
- Tuned Kubernetes resource allocation with autoscaling and readiness probes, minimizing pod disruptions by 45%.
- Designed ELK stack pipelines for rapid log indexing and troubleshooting, reducing MTTR by 40%.
- Created automated remediation scripts for high-frequency infra issues, standardizing incident response across teams.

### **Provisioning Specialist / Help Desk - Keck Medicine of USC**

***Aug 2019 - Jun 2021 Los Angeles, CA***

- Managed Active Directory, including user creation, deletion, and access rights management.
- Automated access provisioning using PowerShell scripting to streamline processes for multiple users from CSV files.
- Collaborated closely with the cybersecurity team to troubleshoot access issues and enhance security protocols.

### **System Administrator - Home Alliance**

***Nov 2018 - Aug 2019 Los Angeles, CA***

- Managed Windows and Linux server administrations, ensuring optimal performance and security.
- Oversaw hardware and software management, including updates and installations.
- Developed and executed scripts using PowerShell and Bash for automation tasks.
- Configured and managed Cisco routers and switches to maintain network integrity.