

Alexander Samay

DevOps / Platform Engineer / Site Reliability Engineer (SRE)

Boston, MA | +1 (508) 410-9237 | alexander.samay12@gmail.com | linkedin.com/in/alexander-samay | alex-samay.com

U.S. Permanent Resident | No sponsorship required

PROFESSIONAL SUMMARY

Platform / DevOps engineer with 5+ years building and operating cloud-native delivery platforms on AWS. Runs 15+ EKS clusters and 20+ microservices with self-service CI/CD and GitOps used by 30+ engineers, cutting release cycles from days to hours. Strong across reusable infrastructure, Kubernetes reliability, observability, security, and practical AI-assisted engineering.

SKILLS

Platform & Orchestration: Kubernetes, AWS EKS, Helm, Docker, Karpenter, Kustomize, NGINX Ingress, HPA, KEDA, Rancher, Velero

Infrastructure as Code & Cloud: Terraform, AWS (EC2, Lambda, API Gateway, VPC, ALB/NLB, S3, RDS, DynamoDB, IAM, CloudWatch), CloudFormation, Ansible, Azure, GCP

CI/CD & GitOps: GitHub Actions, GitLab CI/CD, Jenkins, ArgoCD, FluxCD, Bitbucket, Artifactory

AI-Assisted Engineering: Claude, Codex, Claude Code, GitHub Copilot, ChatGPT, MCP-Based Automation, Prompt Engineering

Observability & Reliability: Prometheus, Grafana, Alertmanager, OpenTelemetry, Datadog, Splunk, EFK, Thanos, SLA/SLO, Incident Response

Networking & Security: Istio, Envoy, Gateway API, mTLS, IAM, Vault, AWS Secrets Manager, Sealed Secrets, Secrets Store CSI Driver, IRSA, Kyverno

Languages, Data & Tools: Python, Bash, TypeScript, Java, Linux, Kafka, Kinesis, SQS, RabbitMQ, OpenSearch, MySQL, MongoDB, Jira, Confluence

PROFESSIONAL EXPERIENCE

Platform / DevOps Engineer | Liberty Mutual Insurance

Boston, MA | Sep 2023 - Present

- Operate a cloud-native platform of 15+ AWS EKS clusters and 20+ microservices, enabling self-service delivery for 30+ engineers and cutting release cycles from days to hours.
- Build reusable Terraform patterns for AWS infrastructure and serverless workloads – networking, compute, APIs, data services, and identity – standardized across delivery environments.
- Standardize CI/CD and GitOps across dev, staging, and prod with GitHub Actions, GitLab CI/CD, Helm, ArgoCD, FluxCD, and Kustomize for a consistent deployment path.
- Improve Kubernetes scalability and traffic resilience via automated node provisioning, workload autoscaling, ingress and load balancing, service-mesh controls, and Gateway API.
- Build production observability – dashboards, alerts, traces, centralized logging, and SLOs – speeding incident investigation across distributed services.
- Harden platform access and secrets with least-privilege IAM, workload identity (IRSA), mTLS, policy enforcement, and centralized secret delivery.
- Support business-critical Tier-0 services through incident response and root-cause analysis; automate operational workflows with Python, TypeScript, Java, SQS, and RabbitMQ.

DevOps Engineer | iRobot

Bedford, MA | Sep 2020 - Aug 2023

- Automated cross-team delivery across robotics, cloud, mobile, and machine-learning teams, reducing customer release time by ~50%.
- Maintained Jenkins, Bitbucket, and Artifactory platforms and integrations, improving delivery consistency and reliability across engineering teams.
- Built infrastructure and deployment automation for an internal web platform providing shared testing resources across the organization.
- Developed APIs and Python/Bash automation for third-party integrations, deployment validation, environment checks, and operational workflows.
- Improved operational readiness for containerized AWS services through centralized logging, production troubleshooting, runbooks, and documentation.

EDUCATION & CERTIFICATIONS

Clark University – Master's Degree, MSPC, GPA 3.82 (2017-2019) • **South Ural State University** – Master's Degree, Information Technology Project Management (2017-2019)

Certifications: CKA | CKAD | AWS Solutions Architect – Associate | AWS CloudOps Engineer – Associate | HashiCorp Terraform Associate (003) | AWS AI Practitioner | AWS Cloud Practitioner