Shafeeq Ahamed Saiffudin

Senior DevOps Engineer | AWS, Kubernetes, Terraform | MLOps, CI/CD & Infrastructure Automation
US Greencard | San Francisco, CA | +1 (925) 319-8712 | go.shafeeq@gmail.com | LinkedIn | GitHub | Website

SKILLS

AI/ML Infrastructure: Model training and serving infrastructure, Multi model inference, GPU Compute.
Cloud & Infrastructure: AWS (ECS, EKS, Batch, Bedrock, IAM, Lambda, CloudWatch, Secrets Manager, etc), Azure, GCP, Cloudflare, Hetzner, PhoenixNap, DigitalOcean, Heroku, Lambda.
Container Orchestration: Kubernetes, Helm, Docker, Amazon EKS, GKE, Openshift.
Infrastructure as Code & CI/CD: Terraform, Ansible, CloudFormation, GitHub Actions, AWS CodePipeline.
Monitoring & Observability: Datadog, Grafana, Prometheus, PagerDuty, Icinga2, Mezmo, CloudWatch, Splunk.
Security & Compliance: NIST 800-53, Nessus, OWASP ZAP, Probely, Okta, AWS Secrets Manager.
Databases & Storage: MySQL, PostgreSQL, AWS S3, Elasticsearch, Redis.
Operating Systems: Linux - Ubuntu, Amazon Linux, CentOS.

EXPERIENCE

DevOps Consultant | **ColorKloud -** San Francisco, CA, USA — Sep 2024 – Present

- Providing consultation for business to help them with AI adoption, compute cost optimization, FinOps and NIST 800-53 security audits.
- Design and maintain kubernetes cluster from scratch for applications and models to maintain 99.9% uptime.
- Strategically plan and deploy infrastructure to different regions in AWS with terraform to reduce the cost by using internal AWS VPC, S3 data warehousing, batch retrieval and by using AWS Batch for processing pipeline.
- Performed compute based DoD and foreign government contract negotiation study to precisely estimate the cost of AI weather forecasting contracts.

DevOps Engineer | **Atmo AI** (Startup, YC W20, C2C via ColorKloud) **-** San Francisco, CA, USA — Mar 2025 – Jan 2026

- Architected infrastructure consolidation and migrated to AWS to adopt IaaC with terraform which had dynamic scaling capability of up to 70 GPU servers for multi model inference pipeline.
- Spearheaded NIST 800-53 compliance sprint by performing security audits and rearchitecting for DoD tenants.
- Led FinOps drive to save $750,000 annually by migrating cloud assets to AWS, S3 data archival, intelligent bandwidth and capacity decisions by dynamically creating stateless model inference infrastructure.
- Integrated GitHub Actions CI/CD pipeline for deploying the internal platform and model serving frontend architecture which reduced 2-3x releases per week to multi deployment per day.

DevOps Engineer | **LocationIQ** (Startup - Geocoding, Geolocation) **-** Hyderabad, India — Mar 2020 – Jul 2024

- Mitigate and resolve issues when on-call to protect the infrastructure and have performed postmortem study and infrastructure improvements which reduced the incidents by 40%.
- Developed 40+ ansible playbooks and reusable roles to quickly provision and set up the virtual machines to maintain consistency across different environments and different providers.
- Performed load testing after every geocoder data imports with vegeta to understand the bottleneck and rapidly resolved them which led to successfully maintaining the latency within 50ms globally.
- Conducted routine security audits by performing vulnerability scanning and penetration testing using Nessus, Probely, OWASP ZAP, metasploit, npm to avoid any potential risks as per OWASP Top 10 vulnerabilities.
- Regularly take part in importing geocoding and geolocation data from various sources, build and compile the data and perform regression testing to approve if they qualify to be rolled out to 80+ production servers.
- Collaborated with the business team to solve the technical production tickets and feature requests while maintaining the consistency of different databases - MySQL, PostgreSQL and ElasticSearch.

DevOps Engineer | **Zudioz -** Chennai, India — Sep 2017 – Feb 2020

- Started as system admin and moved to devops within a year and started managing the complete AWS stack.
- Responsible for provisioning and maintaining 25+ linux servers in AWS for Joomla, Magento, Wordpress hosting.
- Plan and develop bash scripts to keep backups of approx 5 TB of data on and off site to reduce the total MTTR.

CERTIFICATIONS

AWS CERTIFIED - DEVOPS ENGINEER PROFESSIONAL
AWS CERTIFIED - SYSOPS ADMINISTRATOR ASSOCIATE

EDUCATION

Anna University, India - *Bachelor's Degree in Electrical & Electronics Engineering* — *Aug 2012 - Aug 2016*