

ADITYA DEWANI

(Lead DevOps Engineer)

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Summary

- **Lead DevOps Engineer** with **6 years** of experience architecting scalable, fault-tolerant, and cost-optimized infrastructure across hybrid cloud and on-premise environments
- Expert in full-stack observability, specializing in the **Grafana LGTM stack** (Loki, Grafana, Tempo, Mimir) and **Alloy**.
- Driving AIOps by leveraging **LLMs and MCP** to shift SRE workflows toward proactive diagnostics; extended AI automation to cloud **FinOps**, utilizing intelligent agents to identify and execute AWS cost optimization and resource efficiency strategies..
- Strong understanding of **DevOps** methodologies and ability to work collaboratively with cross-functional teams to streamline software development and deployment processes.

Experience

• Devops Lead, Leena.AI

Gurugram, IN | Jan 2025 - Present

- Architected an 'AI SRE' agent by integrating **Claude (LLM)** with **Slack and Grafana** via Model Context Protocol (MCP); automated alert analysis to **reduce MTTR by 50%** through real-time diagnostics and preemptive resolution recommendations.
- Architected high-resiliency **CI/CD pipelines** with ephemeral environments, significantly reducing infrastructure overhead and accelerating **developer/QA velocity by 30%**.
- Migrated all databases (**MongoDB, PostgreSQL, Redis, RabbitMQ, and Elasticsearch**) from VMs to **Kubernetes Operators**, enabling automated, self-healing capabilities while integrating with a **centralized observability solution** to ensure full system visibility and faster incident resolution.
- Developed a **custom Kubernetes controller** to resolve split DNS issues, resulting in a **30% performance improvement**.
- Integrated and finetuned **end-to-end security** measures utilizing **Cloudflare WAF** and **Palo Alto Firewall** to ensure robust protection across environments, including **Wazuh** integration for centralized security monitoring and incident response.

• Sr. DevOps Engineer, Affinsys.AI

Bangalore, IN | Jun 2023 - Dec 2024

- Drove **AWS cost optimization** by migrating compute workloads to Graviton-based EC2/EKS nodes, implementing multi-arch container pipelines, reserved/spot instances, and S3 lifecycle management; achieved **~35% reduction in cloud spend** while improving system efficiency and performance.
- Implemented **SAST** as a part of pipelines, resolved vulnerabilities at an earlier stage of development lifecycle and promoted culture of **shifting security to the left** resulting in **80% increase** in reliability of deployments.
- Led a **team of 6**, providing guidance, mentorship, and technical expertise ensuring successful execution of DevOps practices.

• DevOps Engineer, Affinsys.AI

Bangalore, IN | Dec 2019 - Jun 2023

- Created and maintained CI/CD pipelines using **jenkins, Github actions and ArgoCD**, integrated with JIRA reducing release time from 7 days to 3 hours (**-95%**), effectively **saved 1000+ man hours**.
- Created a centralised **observability solution** using prometheus, loki and grafana resulting in improved system visibility and faster incident resolution.

Technical Skills

Cloud Infrastructure: AWS (EC2, EKS, S3, RDS), Azure, Google Cloud Platform (GCP), Cloudflare.

AIOps & Observability: Claude LLM, Model Context Protocol (MCP), Prometheus, Grafana, Loki, Mimir, Alloy, Alertmanager, Tempo, Wazuh.

Orchestration & Containers: Kubernetes (K8s), Docker, Helm, Kubernetes Operators, Custom Controllers.

Infrastructure as Code (IaC) & Config: Terraform, Terragrunt, Ansible, HashiCorp Vault.

CI/CD & Automation: Jenkins, GitHub Actions, ArgoCD, Argo Workflows, Git, JIRA integration.

Programming & Scripting: Python, Golang, Bash, Groovy (Jenkins Shared Libraries).

Databases & Middleware: PostgreSQL, MongoDB, MySQL, Redis, RabbitMQ, Elasticsearch.

Networking & Security: Nginx, Traefik, Apache, Fortinet WAF, Palo Alto Firewalls.

Certifications

- **Certified Kubernetes Administrator (CKA)**
- **Certified Kubernetes Security Specialist (CKS)**
- **Certified Kubernetes Application Developer (CKAD)**

Education

- **Bachelor of Technology**

Vellore Institute of Technology

Vellore, IN | **Jul 2016 - Jul 2020**

CGPA: 9.01