

# DINESH SAI .N

Lead DevOps / Platform Engineer | Cloud Infrastructure & Automation | DevSecOps & SRE | MedTech & Regulated Environments

**Portfolio: dineshsai.com** | 30+ Projects | 99.9% Uptime | 5M+ Daily Requests | 40% Cloud Cost Reduction

+91 8978738100 | dineshsaidevops@gmail.com | linkedin.com/in/dineshsai07 | github.com/dineshsai07 | Bengaluru, India | Relocating to Singapore | Employment Pass Eligible

Results-driven Lead DevOps / Platform Engineer with 6+ years of experience building automation-first, cloud-native, and security-compliant infrastructure for MedTech and regulated software environments. Expert in AWS, Kubernetes (EKS), Terraform, Jenkins, Docker, Helm, and GitOps (Argo CD), with a track record of achieving 99.9% system uptime, reducing deployment times by 80%, cutting MTTR by 40%, and handling 5M+ daily requests through optimised CI/CD pipelines and SRE-driven infrastructure automation. Proven in enterprise DevSecOps — Prisma Cloud (CSPM), Veracode (SAST/DAST), ELK Stack observability, HIPAA and GDPR compliance — across multi-region, high-availability AWS environments. Strong in cloud cost optimisation (FinOps), platform engineering, release management, and cross-functional team leadership across global MedTech organisations. Portfolio of 30+ production projects at dineshsai.com. Currently leading DevOps at Danaher (Hemocue + SCIEX) and actively seeking Lead DevOps, Platform Engineering.

<ul style="list-style-type: none"><li>• <b>99.9% System Uptime</b> — across 50+ production services at Danaher</li></ul>	<ul style="list-style-type: none"><li>• <b>5M+ Daily Requests</b> — handled via Kubernetes EKS auto-scaling</li></ul>
<ul style="list-style-type: none"><li>• <b>80% faster deployments</b> — Python installer + Helm automation at SCIEX</li></ul>	<ul style="list-style-type: none"><li>• <b>40% MTTR reduction</b> — automated observability, ELK Stack &amp; runbooks</li></ul>
<ul style="list-style-type: none"><li>• <b>40% cloud cost reduction</b> — FinOps rightsizing &amp; reserved instance planning</li></ul>	<ul style="list-style-type: none"><li>• <b>20+ microservices</b> — Helm charts with rollback &amp; environment overrides</li></ul>
<ul style="list-style-type: none"><li>• <b>70% less manual setup</b> — Ansible automation across 100+ servers</li></ul>	<ul style="list-style-type: none"><li>• <b>15+ engineers mentored</b> — across multiple orgs, improving DevOps maturity</li></ul>

## Danaher India Private Limited *Aug 2024 - Present*

*Industry: MedTech / Healthcare Diagnostics | Role: Lead DevOps Engineer | Full-Time Employee*

### **Project 1: Hemocue - Medical Diagnostics Platform (Lead DevOps Engineer)**

- Promoted to Lead DevOps Engineer as permanent Danaher employee; assumed full ownership of cloud infrastructure, CI/CD pipelines, platform reliability, SRE practices, and release management for the Hemocue diagnostics product line serving global healthcare markets.
- Architected and managed production AWS infrastructure using Terraform (IaC) — EKS, VPC, IAM, S3, RDS, Security Groups — ensuring HIPAA- and GDPR-compliant, audit-ready environments for medical-grade software.
- Designed and optimised Jenkins CI/CD pipelines integrated with Bitbucket and Jira; automated build, test, and release workflows improving system uptime and availability by 25%.
- Managed Kubernetes (EKS) cluster operations applying SRE principles: rolling deployments, HPA/VPA autoscaling, resource monitoring, SLO/SLA tracking, and incident response for critical diagnostic workloads.
- Implemented ELK Stack (Elasticsearch, Logstash, Kibana) for centralised log aggregation and observability across microservices, enabling proactive anomaly detection and faster root-cause analysis.
- Applied FinOps cloud cost optimisation: rightsizing EC2/RDS instances, reserved instance planning, idle resource elimination — achieving measurable reductions in monthly AWS spend.
- Automated release management and environment provisioning with Python and Bash; standardised pipelines across dev, staging, and production, reducing manual release effort by 50%.
- Collaborated with global cross-functional teams (product, QA, security, compliance) to align infrastructure delivery with MedTech release governance and regulatory audit requirements.

### **Project 2: SCIEX - Scientific Instrument Software (Contingent via TekSystems)**

- Appointed as sole DevOps engineer at IDC for SCIEX; owned end-to-end CI/CD, AWS infrastructure, DevSecOps posture, and release automation independently across all environments.
- Developed a Python-based self-hosted installer automating AWS infrastructure provisioning and Helm-based application deployments —

improving time-to-deploy by 80%.

- Designed production-grade AWS infrastructure with modular Terraform: VPC, EKS, IAM, RDS, S3, EFS, SES, SQS, CloudFront, and Route 53 across multi-region setups.
- Implemented GitOps with Argo CD and Kustomize — enabling auditable, environment-specific Kubernetes rollouts with full traceability and one-click rollback capability.
- Built Jenkins pipelines integrating Veracode SAST/DAST and Cybellum binary analysis for automated security scanning and DevSecOps compliance gating at every release.
- Hardened cloud security posture with Prisma Cloud CSPM: enforced real-time security policies, configuration drift detection, and continuous audit readiness across all AWS accounts.
- Led multi-region deployment standardisation; reduced MTTR by 40% through automated observability with Grafana, AWS CloudWatch, ELK Stack, and incident response runbooks.
- Designed reusable Helm charts for 20+ microservices with environment-specific overrides, rollback strategies, and automated readiness/liveness health checks.
- Integrated CI/CD pipelines with Slack and Jira for real-time release notifications, automated approvals, and end-to-end deployment traceability.
- Conducted disaster recovery (DR) simulations and implemented multi-AZ backup/restore strategies for high-availability stateful workloads on EKS and RDS.
- Established blue-green deployment patterns to eliminate deployment risk; coordinated with cross-regional teams to reduce infrastructure cost across environments.

## Ajmera Infotech Private Limited *Feb 2023 - Jul 2024*

*Industry: MedTech / Healthcare Software | Role: Senior DevOps Engineer*

- Evaluated and architected AWS infrastructure — CDK, CloudFormation, ECS Fargate, API Gateway — for the Iterate MedTech platform; containerised services with Docker and orchestrated deployments via Amazon ECS.
- Implemented CI/CD with GitHub Actions and SonarQube for automated code quality gates and release validation; managed ECR-based container image lifecycle and repository governance.
- Leveraged AWS Amplify for frontend deployment automation and AWS Device Farm for mobile QA, reducing frontend release friction by 40%.
- Applied DevSecOps best practices: IAM least-privilege, KMS encryption, CloudTrail audit logging, vulnerability scanning, and compliance reviews embedded in agile sprint ceremonies.
- Implemented observability stack with CloudWatch metrics, Application Load Balancer access logs, and alerting policies; proactively tuned performance and auto-scaling thresholds.

### Subscribe IT

#### (All Blue Solutions)

*Aug 2022 - Dec 2022*

*DevOps Engineer | Fintech*

- Managed 100+ servers using Ansible roles (Grafana, Prometheus, Node Exporter), cutting manual setup time by 70%; operated production Kubernetes clusters improving uptime SLAs by 20%.
- Automated Liquibase schema migrations and synced GitHub Actions with Jira; integrated Opsgenie alerting reducing incident resolution time by 35% and coordination overhead by 60%.

### CSS Corp Pvt Ltd

*Jun 2021 - Jul 2022*

*DevOps Engineer | AdTech*

- Built Jenkins CI/CD pipelines enabling zero-downtime multi-deployments per hour; managed Docker and Docker Swarm clusters improving service resilience by 30%.
- Provisioned AWS infrastructure (EC2, VPC, IAM, S3, SNS, Secrets Manager); monitored 10+ Kubernetes systems via Grafana; mentored 8+ engineers and engaged 400+ stakeholders on SDLC improvements.

### MNP Technologies

*Mar 2020 - Apr 2021*

*DevOps Engineer | R&D*

- Provided 24/7 DevOps support across 5+ teams; managed Kubernetes production deployments, Jenkins pipelines, and AWS infrastructure including 25+ SSL certificate renewals via Sectigo.
- Orchestrated data pipelines with Apache Airflow (DAG scheduling and alerting); mentored 7+ engineers on SRE and operational best practices, reducing repeat incident rates.

### Institute of

#### Language Mgmt

*Apr 2019 - Feb 2020*

*Professional Faculty | English*

- Delivered corporate communication training to 400+ students; organised 15+ professional workshops on public speaking and workplace communication.

**Cloud Platforms:** AWS (primary), Microsoft Azure, Google Cloud Platform (GCP)

**Infrastructure as Code:** Terraform, AWS CloudFormation, AWS CDK, Pulumi

**CI/CD & GitOps:** Jenkins, GitHub Actions, GitLab CI, CircleCI, Argo CD, Kustomize, Bitbucket Pipelines, AWS CodePipeline, Bamboo

**Containers & Orchestration:** Docker, Kubernetes (EKS, AKS, GKE), Helm, Docker Swarm, OpenShift

**AWS Services:** EC2, EKS, ECS Fargate, VPC, IAM, RDS, S3, EFS, SES, SQS, CloudFront, Route 53, CloudWatch, Lambda, Amplify, Secrets Manager, SNS, API Gateway, Device Farm

**DevSecOps & Compliance:** Prisma Cloud (CSPM), Veracode (SAST/DAST), Snyk, SonarQube, Cybellum, Trivy, HIPAA, GDPR, MAS TRM Guidelines, ISO 27001 awareness, IAM Least Privilege

**Monitoring, Observability & SRE:** Prometheus, Grafana, ELK Stack (Elasticsearch, Logstash, Kibana), AWS CloudWatch, Splunk, Datadog, Dynatrace, Opsgenie, Node Exporter, SLO/SLA management, Incident Runbooks

**Scripting & Automation:** Python, Bash, PowerShell, Ansible, Groovy (Jenkins DSL)

**Databases & Messaging:** RDS (PostgreSQL, MySQL), Redis, Kafka, Liquibase, schema migration automation

**Networking & Security:** VPC, Subnets, Security Groups, NACLs, WAF, VPN, TLS/SSL, Zero Trust principles

**Collaboration & ITSM:** Jira, Confluence, Slack, ServiceNow, PagerDuty, Rally, Apache Airflow, Nexus Repository

**Operating Systems:** Linux (Ubuntu, CentOS, RHEL), Windows Server, macOS

**Methodologies:** Agile / Scrum, GitOps, DevSecOps, SRE, Platform Engineering, Blue-Green & Canary Deployments, Disaster Recovery, FinOps, Chaos Engineering awareness

### **Jain University, Bengaluru**

*Master of Computer Applications (MCA)*

*Specialisation: **Artificial Intelligence & ML***

### **Career Degree College, Guntur**

*Bachelor of Commerce (B.Com)*

*Specialisation: **Computer Applications***

### **Others:**

**Languages:** English (Professional working proficiency) | Telugu (Native) | Hindi (Conversational)

**Visa Status:** Indian National — Eligible for Singapore Employment Pass (EP) sponsorship | Available to join within 30 days of offer