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Experience

IAMOPS PVT. LTD,

July 2025 - Present

DevOps Lead Engineer

Surat, Gujarat

- Collaborating with **CTOs** and **VP RnDs** to improve System Architecture and achieve best product efficiency
- Achieving **SOC2** and **PCIDSS** Compliance with a Security Hub Score of **88%**.
- Consolidated codebases into unified repositories, and designed integrated CI/CD with GitHub actions reducing complexity and accelerating releases by **70%**.
- Streamlined **customer onboarding** processes to enhance operational efficiency by aligning EPICs with timelines and priorities highlighting the pain points like **Robust Release Management** and End to End **Observability**.
- Optimized scheduling and scaling of Nodes in EKS clusters by right-sizing Karpenter node pools, saving **\$2K monthly** in production costs.
- Managing team members to attain **100%** responsibility over project deliveries.
- Established **GitOps (ArgoCD + Helm)** for Kubernetes; standardized declarative deployments, progressive delivery, and drift detection across services.
- Designed and implemented **laC** for **Network Infrastructure, Databases, Application workloads** on **EC2/ECS/EKS**, Kubernetes resources and Storage solutions like **S3/EFS** using **Pulumi and Terraform** for multi-tenant architectures.

IAMOPS PVT LTD

July 2024 - June 2025

DevOps Engineer L2

Surat, Gujarat

- Led **live migration** in GCP from **Webservers** to **Serverless architecture** using **Cloud Run** and **Pub/Sub**, supporting **1M users** at product launch.
- Implemented **KEDA-based request autoscaling** for **real-time** applications, maintaining **below 1s latency**.
- Engineered **CI/CD pipeline** with **BODA (Build Once Deploy Anywhere)** methodology and automated DB migrations via **GitHub Actions**, accelerating releases by **66%**.
- Deployed Automation for **regular security assessments** and reports using **Scout Suite** and **Prowler**, achieving **ISO** and **SOC2** compliance with **90%** Security Hub Score.
- Deployed distributed, scalable self-hosted observability stack **Prometheus, Loki, Mimir, Tempo, Grafana** achieving **100%** observability.
- Mentored trainees and interns on **DevOps best practices** to strengthen team capabilities.

IAMOPS PVT LTD

December 2022 - June 2024

DevOps Engineer L1

Surat, Gujarat

- Managed DevOps operations like automating releases with **Jenkins**, application observability with Logs, Metrics and traces using **Loki, Prometheus, Tempo and Grafana** and setting up light-weight application environments for **release/load testing** for multiple applications across **AWS and GCP Cloud**.
- Delivered Kubernetes based architectures for **Microservices** on both AWS EKS and GKE by containerizing application and creating robust Helm charts and automated deployments with Argo Applications.
- Led **zero-downtime** live migration from **ECS to EKS** for Microservice applications for Production environment serving **6K+ active clients**.
- Delivered End-to-End Environment for PHP applications in GKE with Private connections to MongoDB in Atlas for Load testing.
- Conducted **Git** operations workshop for company associates.
- Executed **zero-downtime live migration** of **on-prem** sharded MongoDB clusters to new infrastructure.
- Configured **production-grade MongoDB servers** with replica sets and sharding for version-specific deployments.
- Deployed PHP applications on on-prem servers and migrated load to new infrastructure.

Projects

- AI based Intelligent Troubleshooter** | Slack, N8N, Claude, Grafana MCP, GitHub, Linear
- Developed AI Integrated Slack bot capable to investigate and troubleshoot application issues and remediate solutions **50%** faster.
- IAC for Grafana Alerts and Dashboards** | EKS, Grafana, Grafana Operator, ArgoCD, ArgoApp, Git and Pulumi.
- Implemented Grafana Operator with **Pulumi** and **GitOps** for dashboards and alerts, accelerating resource management across environments by **60%**.
- Integrated CD** | Nx, GitHub Actions, GitHubARC Runners, Blacksmith Runners, ArgoCD
- Designed and Delivered consolidated CI/CD pipeline with **intelligent change detection**, building and promoting only modified applications with automated **E2E testing, hotfix handling, and promotions**—accelerating releases by **90%**.
- SOC2 and PCIDSS Compliance Certification** | Security Hub, Scout Suite, Prowler
- Achieved **SOC2** and **PCIDSS** certification for application infrastructure by following security best practices in the AWS Account.
 - Increased the Security Hub score to **90%** in latest required AWS Standards.
- One-Click Automation** | Pulumi, GitHub Actions, Vite Apps, Kubernetes
- Delivered lightweight ephemeral environments deploying full application stack (frontend, backend, database) per branch in Kubernetes namespaces improving feature testing and avoiding unwanted disruptions.
- Jenkins Pipeline Migration to GitOps** | Jenkins, GitHub
- Migrated all the Jenkins Inline script pipelines to Github repository with live sync to have **version control for Jenkins** resulting in high resiliency in the application.
- Migration from Nginx to Traefik** | Kubernetes, Traefik, CloudFront, ALB controller, Global Accelerator
- Conducted PoC, planned, and **executed live migration** to Traefik proxy, **eliminating unwanted 499** status codes with **zero downtime** for **1M+** active users.
- Portfolio Website** | ReactJS, Sanity CMS
- Fully Responsive Portfolio website built on **ReactJS** and **Sanity.io** as backend.

Technical Skills

- Languages:** Python, NodeJS, TS, Bash
- Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP)
- Containerization and Orchestration:** Docker, Docker-Compose, ECS, Kubernetes, Google Kubernetes Engine (GKE), Amazon EKS
- CI/CD and Automations::** Jenkins, GitHub Actions, Gitlab CD, Bitbucket Pipelines, ArgoCD, NX, Amplify, N8N
- Infrastructure as Code:** Terraform, Pulumi, Ansible
- Monitoring and Observability:** Prometheus, Grafana, Loki, Mimir, Faro, OpenTelemetry, Uptime Kuma, ZenDuty

Education

Amity University Online, UP	Jan 2025 – Dec 2027
MBA in Data Science - CGPA - 8.18	UP, India
Uka Tarsadia University	Jun 2019 - May 2023
B.Tech in Computer Engineering - CGPA - 8.68	Bardoli, Gujarat

Certifications

- **GCP Associate Cloud Engineer**
- **AWS Certified Solutions Architect associate**