

Aaditya Saxena

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Pre-final year CS (Cloud Computing and Automation) student with hands-on experience building production-grade AWS infrastructure. Specializing in DevOps, IaC with Terraform, Kubernetes, and serverless architectures. AWS Certified.

EDUCATION

Vellore Institute of Technology, Bhopal 2023 – 2027
B.Tech in Computer Science & Engineering — Cloud Computing Specialization **CGPA: 8.08 / 10**

TECHNICAL SKILLS & CERTIFICATIONS

- **Cloud & DevOps:** AWS · Docker · Kubernetes · Jenkins · Github Actions · Terraform · Prometheus · Grafana
- **Languages:** Python (boto3) · Java · JavaScript / TypeScript · SQL · HCL
- **Frameworks:** Next.js · React · Node.js
- **Certifications:** AWS Certified Cloud Practitioner (2026) · Oracle Cloud Infrastructure AI Foundations Associate (2025) · Docker Foundations Professional Certificate (2025)

PROJECTS

Cloud Cost Intelligence — Serverless AWS FinOps Platform [\[GitHub\]](#)

- Built a **fully serverless FinOps platform** on AWS to automatically track daily service-wise cloud costs, store history, trigger budget alerts, and visualize spending — 100% provisioned via **Terraform**.
- Designed event-driven pipeline: **EventBridge** (daily scheduler) → **Lambda** (cost collector) → **Cost Explorer** → **DynamoDB** → **SNS** (threshold alerts) → **API Gateway** → **React dashboard on CloudFront**.
- Implemented **least-privilege IAM** with separate roles per Lambda function (read-only Cost Explorer, write-only DynamoDB, publish-only SNS), following security best practices.
- Deployed frontend as a **globally distributed static app** via S3 + CloudFront with HTTPS, SPA routing, and zero server management.

MeetMind AI — AI-Powered Meeting Intelligence Platform [\[GitHub\]](#)

- Architected a **production-grade serverless AI platform** on AWS using **Lambda, API Gateway, S3, DynamoDB, and Terraform (IaC)** to transform raw meeting transcripts into actionable insights.
- Integrated **Amazon Bedrock (Meta Llama 3 8B)** for automated transcript summarization, action item extraction, and sentiment analysis with structured JSON outputs.
- Designed **event-driven async processing** via S3 triggers + Lambda, enabling non-blocking ingestion of large transcripts with real-time status polling via REST endpoints.
- Implemented **secure pre-signed S3 upload workflow** with CORS, allowing direct client-to-S3 uploads without exposing AWS credentials.

KubeForge — Production-Grade CI/CD Platform with Blue-Green Deployment [\[GitHub\]](#)

- Designed an end-to-end **CI/CD platform** on **AWS EKS** provisioned via **Terraform**, automating build, test, and deployment of containerized applications.
- Built **declarative Jenkins pipelines** integrating Docker image builds, tagging, and Kubernetes deployments in a single automated workflow.
- Implemented **Blue-Green deployment strategy** with Kubernetes label selectors for **zero-downtime releases** and instant rollback capability.
- Integrated **Prometheus + Grafana** for cluster and application observability; designed with cost-aware constraints on a minimal EKS setup.

LEADERSHIP & POSITIONS OF RESPONSIBILITY

President — Cloud Zone Club, VIT Bhopal Aug 2025 – Present

- Leading a team of **40+ members**; organized hackathons and workshops on cloud architecture attended by **200+ students**, growing club engagement by **50%**.
- Mentoring **15+ junior members** on AWS, Terraform, and cloud project design.

Event Lead — International Conference on Data Computation & Communication (SCAI, VIT Bhopal)
Oct–Nov 2024

- Coordinated a conference with **10+ national & international speakers** and **300+ attendees**.