

EDUCATION

Vellore Institute of Technology, Bhopal Bachelor of Technology in Computer Science and Engineering (Cloud Computing)	2023 – 2027
Bal Vikas Progressive School, Panipat (XII) Percentage: 75.6%	2022
Bal Vikas Progressive School, Panipat (X) Percentage: 77.4%	2020

TECHNICAL SKILLS AND CERTIFICATIONS

- Languages:** Java, Python, JavaScript, HTML+CSS, SQL
- Frameworks/Technologies:** Node.js, Bootstrap, React.js, TRPC
- DevOps/Cloud:** AWS, Oracle, Azure, Docker, Kubernetes, Jenkins, Terraform, prometheus, grafana
- Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability, Leadership, Teamwork
- Certifications:**
 - AWS Certified Cloud Practitioner - AWS
 - Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate
 - Docker Foundations Professional Certificate – Docker

PERSONAL PROJECTS

MeetMind AI — AI-Powered Meeting Intelligence Platform

- Architected and deployed a **production-grade serverless AI meeting intelligence platform** on **AWS** using **Lambda, API Gateway, S3, DynamoDB, and Terraform (IaC)**.
- Integrated **Amazon Bedrock (Meta Llama 3 8B)** to automate transcript summarization, action item extraction, and sentiment analysis with structured JSON outputs.
- Designed an **event-driven architecture** using **S3 triggers + Lambda** for asynchronous background processing of large meeting transcripts.
- Implemented secure **pre-signed S3 upload workflow** with CORS configuration, enabling direct client uploads without exposing AWS credentials.
- Built RESTful endpoints with **API Gateway + Lambda** for transcript ingestion and real-time status polling.
- Developed a **Next.js + TypeScript frontend** with dynamic UI updates,
- Automated complete infrastructure provisioning using **Terraform**, eliminating manual console configuration and ensuring reproducible deployments.
- Source Code

Kubeforge — Production-Grade CI/CD Platform with Blue-Green Deployment

- Designed and implemented an end-to-end **CI/CD platform** to automate build, test, and deployment of containerized applications.
- Provisioned cloud infrastructure on **AWS (EKS, VPC, IAM)** using **Terraform (Infrastructure as Code)**.
- Built **declarative Jenkins pipelines** to automate source checkout, Docker image builds, tagging, and Kubernetes deployments.
- Implemented a **Blue-Green deployment strategy** on **Kubernetes** to enable **zero-downtime releases** and instant rollback.
- Configured **Kubernetes Services and label selectors** for controlled traffic switching between application versions.
- Integrated **Prometheus and Grafana** for monitoring, metrics collection, and observability of cluster and application health.
- Designed the system with **cost-aware constraints**, validating workloads on a minimal EKS setup.
- Source Code: GitHub

POSITIONS OF RESPONSIBILITY

President – Cloud Zone Club, VIT Bhopal	Aug 2025 – Present
<ul style="list-style-type: none">Leading a team of 40+ members in organizing technical events, hackathons, and workshops on cloud computing.Mentored 15+ junior members in project collaboration and cloud architecture design.Executed multiple workshops attended by 200+ students, increasing club engagement by 50%.	

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

- Coordinated an international conference with **10+ speakers** (national and international) and **300+ attendees**.