

## EDUCATION

<b>Vellore Institute of Technology, Bhopal</b>	2023 – 2027
Bachelor of Technology in Computer Science and Engineering (Cloud Computing)	<b>CGPA: 8.08/10</b>
<b>Bal Vikas Progressive School, Panipat (XII)</b>	2022
Percentage: <b>75.6%</b>	
<b>Bal Vikas Progressive School, Panipat (X)</b>	2020
Percentage: <b>77.4%</b>	

## 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

### Cloud Cost Intelligence Platform — AWS Serverless FinOps System

- Built a **production-grade serverless cost monitoring platform** on **AWS** using **Lambda**, **DynamoDB**, **Event-Bridge**, and **Terraform (IaC)**.
- Automated **daily AWS cost collection** via **AWS Cost Explorer API**, enabling service-wise cost analysis and historical persistence.
- Designed a **secure, read-only REST API** using **API Gateway** + **Lambda** to expose cost data safely for consumption.
- Developed a **React-based analytics dashboard** with charts and filters to visualize daily cloud spending.
- Deployed the frontend using **Amazon S3** + **CloudFront (HTTPS)** for scalable, low-latency global delivery.
- Implemented **least-privilege IAM policies**, **CloudWatch logging**, and **SNS email alerts** for FinOps governance and observability.
- Source Code: [GitHub](#)

### 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

<b>President – Cloud Zone Club, VIT Bhopal</b>	Aug 2025 – Present
<ul style="list-style-type: none"><li>• Leading a team of <b>40+ members</b> in organizing technical events, hackathons, and workshops on cloud computing.</li><li>• Mentored <b>15+ junior members</b> in project collaboration and cloud architecture design.</li><li>• Executed multiple workshops attended by <b>200+ students</b>, increasing club engagement by <b>50%</b>.</li></ul>	
<b>Event Lead – International Conference on Data Computation and Communication (SCAI, VIT Bhopal)</b>	Oct 2024 – Nov 2024
<ul style="list-style-type: none"><li>• Coordinated an international conference with <b>10+ speakers</b> (national and international) and <b>300+ attendees</b>.</li></ul>	