

Tejal Avinash Mogal

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PROFILE

Graduated in Computer Science and Technology from Sandip University with specialized expertise in **Cloud Computing** and **DevOps**. Demonstrated experience in designing and deploying scalable cloud architecture using **AWS**. Proven track record of optimizing cloud infrastructure, implementing **CI/CD pipelines**, and ensuring high availability through **automation** and **containerization** with **Docker and Kubernetes**.

EDUCATION

Sandip University

Nashik, India

Bachelor of Technology in Computer Science & Technology

2022 – 2025 (CGPA: 8.59)

- Relevant coursework: Cloud Computing, System Design, DevOps, Java Programming

R.S.M Polytechnic

Nashik, India

Diploma in Computer Technology

2019 – 2022 (85%)

SKILLS

- **Cloud Technologies:** AWS (EC2, S3, VPC, IAM, Auto Scaling, CloudWatch, EBS, AWS CloudWatch, Log Management, Networking)
- **Programming:** Java, HTML, REST API
- **Operating Systems:** Linux, Windows, Apache2, Nginx
- **Scripting & Automation:** Bash, PowerShell, Terraform, git, git-hub
- **Containers & Orchestration:** Docker
- **CI/CD & DevOps:** Jenkins
- **Database:** SQL
- **monitoring tools:** Grafana and Prometheus

EXPERIENCE

Cravita Technologies Pvt. Ltd · Internship

2025 – Present | Remote

- **Deployed** AWS services including EC2, S3, VPC, and IAM using predefined templates.
- **Automated** infrastructure provisioning with Terraform and Ansible, reducing deployment time by **30%**.
- **Implemented** CI/CD pipelines using Jenkins and Docker, enhancing deployment frequency and reliability.
- **Reduced** AWS cost by **15%** through proactive identification and removal of unused resources.

PROJECTS

Disaster Recovery System

Aug 2024 – April 2025

- Developed automated recovery using EC2 snapshots, AMIs, and S3 versioning.
- Enabled VPC isolation, failover automation, and CloudWatch alerts.
- Automated infrastructure with **Terraform** and integrated CI/CD using **Jenkins**.
- **Tools AWS, VPC, AWS S3, AWS CloudWatch, AWS Lambda, IAM, Terraform**

Three-Tier Web Application using Java - AWS (VPC)

- Designed a 3-tier architecture with Java backend, Apache/Nginx frontend, and MySQL RDS database
- Deployed frontend in public subnet, backend and DB in private subnet within a custom VPC.
- Configured route tables, IGW, NAT gateway, and security groups for secure traffic flow.
- **Java, AWS (EC2, RDS, VPC, S3, IAM), Apache/Nginx, Git, Linux.**

CERTIFICATIONS

- *MCA Master in Cloud Computing*
- *Java Programming Certification*