

# Vishal Shinde

Pune, Maharashtra

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## Professional Summary

Aspiring Cloud Computing and DevOps professional with AWS Certified (SAA-C03 & Cloud Practitioner) credentials and hands-on experience with AWS services such as EC2, S3, IAM, VPC, CloudWatch, and Auto Scaling. Skilled in DevOps practices including CI/CD, Infrastructure as Code, version control, and containerization. Passionate about designing secure, scalable, and cost-efficient cloud solutions. Highly motivated, quick learner, and eager to grow into AWS Solutions Architect and DevOps engineering roles.

## Projects

### High Availability & Disaster Recovery Architecture with ELB Failover Simulation on AWS

Designed a fault-tolerant web application architecture using EC2, ELB, ASG, and Route 53. Simulated ELB failure in Region A and implemented Route 53 DNS failover to redirect traffic to a backup setup in Region B, ensuring high availability and disaster recovery.

**Skills/Tools:** AWS EC2, ELB, Auto Scaling, Route 53, Multi-Region Deployment, High Availability, Disaster Recovery

### AWS-EC2-to-RDS-Integration-Project

Provisioned an EC2 instance, installed Java, and created an RDS database on AWS. Configured security groups and networking to enable secure communication between EC2 and RDS, demonstrating hands-on skills in building scalable and cloud-native application infrastructure.

**Skills/Tools:** AWS EC2, AWS RDS, Java, Security Groups, Networking, Cloud Deployment

### Kubernetes Web Deployment Project

Designed and deployed a static web application on a Kubernetes cluster using Docker and Git. Built and pushed a Docker image to Docker Hub, then deployed it using Kubernetes Deployment and Node Port Service to expose the application externally over HTTP. Demonstrated practical experience in containerization and application deployment on Kubernetes.

**Skills & Tools:** Docker, Kubernetes, Git, Docker Hub, YAML, Mini Kube, and kubectl with hands-on experience in containerization and application deployment.

## Education

### VSS College, Jalna: 75.30 %

Master Of Computer Application – (MCA)

Jul 2025

Maharashtra, India

### Deogiri College, Aurangabad: 63.60 %

Bachelor Of Computer Application – (BCA)

Jun 2022

Maharashtra, India

## Skills

**Cloud Technologies:** AWS (EC2, S3, VPC, IAM, RDS, Route 53, CloudWatch, Auto Scaling, ELB, Lambda)

**DevOps Tools:** Git, GitHub, Jenkins, Docker, Terraform, Kubernetes, Ansible

**Programming & OS:** Python, Linux

**Other Skills:** Networking, Monitoring, CI/CD Pipelines

## Certifications

AWS Certified Solutions Architect–Associate ([https://www.credly.com/badges/de13ff44-135e-4553-a79e-a6c22f91900c/public\\_url](https://www.credly.com/badges/de13ff44-135e-4553-a79e-a6c22f91900c/public_url))

AWS Certified Cloud Practitioner ([https://www.credly.com/badges/2fa743e0-db36-4eca-8898-9a14414e1330/public\\_url](https://www.credly.com/badges/2fa743e0-db36-4eca-8898-9a14414e1330/public_url))

AWS Cloud Course (Completed, [Ethan’s tech, Pune])

DevOps Tool (Learning, [Ethan’s tech, Pune])