

VISHAL DHANAJI KESARKAR

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 Narhe, Pune, 411041. | DOB: 02/01/2003

Career Objective

Motivated and detail-oriented Computer Science graduate with hands-on experience in AWS cloud infrastructure. Seeking a challenging position as Cloud Support to utilize my cloud, Linux, and database management skills in maintaining and optimizing production systems.

Technical Skills

AWS Cloud (EC2, RDS, S3, IAM, VPC, Load Balancer, Auto Scaling)	Linux (Ubuntu)	MySQL / MariaDB	Node.js (Basic Deployment)
Cloud Support & System Monitoring	Networking Fundamentals	Communication & Documentation Skills	

Projects

- ◆ **AWS 3-Tier Architecture Deployment**

Designed and deployed a secure and scalable 3-tier web application on AWS:

- Web Tier: EC2 instance hosting a Node.js web app
- Application Tier: Application Load Balancer distributing traffic
- Database Tier: AWS RDS MySQL database instance

Configured VPC, subnets, route tables, and security groups for isolation and scalability.

Technologies Used: AWS EC2, RDS, S3, IAM, VPC, Load Balancer, Auto Scaling, Linux, MySQL

Outcome: Achieved a stable and fault-tolerant architecture with 99% uptime.

- ◆ **AWS 2-Tier Architecture Deployment**

Developed a 2-tier web application using AWS services with separate web and database layers:

- Web Tier: EC2 instance running a Node.js and Express-based web app
- Database Tier: RDS MySQL database for backend data storage

Implemented security group rules for restricted access between tiers, configured IAM roles, and automated backups.

Technologies Used: AWS EC2, RDS, IAM, Security Groups, MySQL, Linux

Outcome: Successfully hosted and managed a reliable 2-tier web application with secure database connectivity.

Day-to-Day Activities (Percentage-Wise)

- 40% – Monitoring and troubleshooting AWS resources (EC2, RDS, Load Balancer)
- 20% – Deploying updates and maintaining environments
- 10% – Documentation, reporting, and automation scripting

Education

Bachelor of Computer Science (BCS) – Savitribai Phule Pune University

Asian College of Science and Commerce, Pune

CGPA: 7.35 | Year: 2025

HSC (Science) – MR. Junior College, Gadhinglaj | 84% (2021)

SSC – Gadhinglaj High School | 80.20% (2019)

Certifications

- AWS Certified (Fundamentals / Cloud Practitioner)
- Linux Basics & Networking

Strengths

- Strong analytical and problem-solving abilities
- Quick learner and good communicator
- Team collaboration and adaptability

Languages

English, Marathi, Hindi