

Mahesh Shelke

AWS & DEVOPS ENGINEER

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PROFILE

Aspiring AWS Cloud Engineer with strong knowledge of core AWS services (EC2, S3, RDS, Lambda, VPC, IAM, CloudWatch). Hands-on experience gained through academic projects and training in cloud computing, workload migration, and high-availability best practices. A quick learner and collaborative team player, eager to contribute to cloud solutions and grow in a professional environment.

PROJECTS

- Amazon Price Tracker (Automation)**
- Developed a serverless Amazon Price Tracker using AWS Lambda (Python) to automatically monitor product prices.
 - Implemented Amazon SNS for real-time SMS alerts when price drops were detected.
 - Automated scheduled checks using EventBridge, and stored product details in DynamoDB for high scalability, reliability, and fast querying.
- Movie Ticket Booking System – AWS 3-Tier Architecture**
- Designed and deployed a secure AWS 3-Tier Architecture using VPC, Public/Private Subnets, NAT Gateway, EC2, and RDS MySQL.
 - Configured NGINX-based frontend and PHP backend on EC2 with strict Security Groups and fully private network communication.
 - Implemented a scalable, production-ready environment with high availability, secure database access, and optimized cloud networking for improved performance.
- Jenkins Ci-CD Pipeline – Car Web App**
- Developed an end-to-end CI/CD pipeline using Jenkins, GitHub, AWS EC2, and PM2, enabling seamless and zero- downtime deployments.
 - Deployed and optimized a Node.js-based 3D interactive car visualization application with a scalable, production-ready PM2 cluster setup.
 - Managed the complete AWS cloud infrastructure, including EC2 provisioning, security configurations, automation, and continuous deployment workflows.

SKILLS

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| Cloud Technologies
AWS (EC2, S3, IAM, VPC, RDS MySQL, Lambda, SNS, SQS, DynamoDB, CloudFront, Auto Scaling, CloudWatch, AMI) | DevOps Tools & Platforms
Git, GitHub, GitLab, Jenkins, CI/CD Pipelines |
| Operating Systems
Linux, Amazon Linux, Ubuntu | Networking & Security
VPC, Subnets, Route 53, IAM, Security Groups |

CERTIFICATIONS AND TRAINING

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| AWS & DevOps Cloud Course
For tune Cloud, Pune <ul style="list-style-type: none">Fortune Cloud Training Institute, Pune | Pune |
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EDUCATION

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|---|------------------------------|
| BCA - Computer Science & Applications
B.P.Sulakhe Commerce College Barshi | 09/2022 – 06/2025
Solapur |
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