

# JAYESH AMETA

jayeshameta2003@gmail.com | +91 7014107426 | [LinkedIn](#) | [Portfolio](#) | [GitHub](#)

## PROFESSIONAL SUMMARY

---

Cloud & DevOps engineer in training (MCA – Cloud Computing) with hands-on experience deploying, containerizing, and securing applications on AWS. Comfortable across EC2, IAM, VPC, S3, ECS Fargate, and multi-container Docker deployments, with working knowledge of Terraform and real-time web application architecture. Looking for an entry-level Cloud/DevOps role to apply automation and infrastructure skills to real production systems.

## KEY SKILLS

---

- **Programming & Scripting:** Python, Bash scripting, Linux
- **Cloud (AWS):** EC2, IAM, S3, VPC, Lambda, Security Groups, Route Tables, ECS (EC2 & Fargate launch types), ECR, CloudWatch Logs, Serverless (foundational)
- **Containers & Orchestration:** Docker (multi-stage builds, images, volumes, networking), multi-container deployments with Nginx as a reverse proxy, docker-compose.
- **Automation:** Git, CI/CD pipelines, monitoring fundamentals.
- **Networking:** VPC design, subnetting, routing, security group configuration.
- **AI-Assisted Development:** Google Antigravity, Blackbox AI, Gemini. (integrated AI-assisted coding and terminal workflows)
- **Soft Skills:** Problem-solving, fast learner, clear technical communication, works well in teams.

## PROJECTS

---

### AWS Cloud Infrastructure Deployment

*Personal Project*

- Provisioned a custom VPC with public/private subnets, route tables, and security groups, then deployed a web application on EC2 with controlled inbound/outbound access.
- Set up IAM roles and policies following least-privilege access, and used S3 for static asset storage and backups.
- Documented the full setup as a repeatable build so the environment can be torn down and rebuilt from scratch.

### Dockerized Python Web Application

*Personal Project*

- Containerized a Python web app end-to-end: wrote a multi-stage Dockerfile, built and tagged images, and managed container lifecycle.
- Configured custom bridge networking and persistent volumes so the app retains data across container restarts.
- Mapped container ports for local and network-accessible testing, replicating a production-style deployment workflow.

### Synbench — Real-Time Collaborative Code Editor

*Personal Project*

- Set up VPC networking, security groups, and an internet-facing Application Load Balancer with target groups; pushed images to ECR and configured IAM task execution roles.
- Split the application into two Docker images (Nginx-served frontend, Node backend) and deployed them as a multi-container task on AWS ECS Fargate, with Nginx reverse-proxying API and WebSocket traffic to the backend over a shared task network.
- Practiced cost-conscious infrastructure management on free-tier AWS, including planned teardown of unused resources to control billing.

## EDUCATION

---

### Master of Computer Applications (MCA) – Cloud Computing (Online)

2025 – 2027 (Expected)

Manipal University Jaipur

### Bachelor of Computer Applications (BCA)

2022 – 2025

Poornima University, Jaipur

## CERTIFICATIONS & COURSES

---

- Intro to IT and AWS Cloud — Coursera
- AWS Cloud Technical Essentials — Coursera
- Docker Foundations Professional Certificate — LinkedIn Learning
- Additional certifications listed on LinkedIn

## TECHNICAL ENVIRONMENT

---

AWS · Docker · Nginx · Linux · Bash · Git