RAM WAGHMARE

Python Developer → DevOps/Cloud Focused Role

Aspiring AWS Cloud Engineer transitioning from Python development, with hands-on experience in deploying and managing cloud-based applications using AWS EC2, Docker, and Cognito. Strong foundation in Linux, networking, and backend microservices with a keen interest in building scalable, reliable, and secure cloud infrastructures.

📍 Chhatrapati Sambhajinagar, Maharashtra, India.

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github.com/ramwaghmare2

k kaggle/ramwaghmare2

💼 PROFESSIONAL EXPERIENCE

➢ **OpenFuture Technologies Pvt. Ltd. (Remote Work)**

Python Developer | July 2024 – Present |

Cloud & DevOps Responsibilities:

- Deployed containerized applications on AWS EC2 using Docker & Docker Compose.
- Integrated AWS Cognito for secure authentication in production systems.
- Configured Linux-based servers with SSH key authentication and filesystem management.
- Collaborated with DevOps team for CI/CD and EC2 deployment pipelines.
- Worked on cloud-based microservices communication using Kafka and Redis.

Backend & System Responsibilities:

- Developed and maintained backend systems using Python (Flask/FastAPI).
- Implemented MySQL and Redis performance optimization and caching.
- Built scalable APIs and real-time communication services.

➢ **Major Projects:**

▪ **E-Commerce Platform**

Tech Stack: Python (Flask), MySQL, Redis, Docker, AWS EC2, AWS Cognito, Twilio

- Integrated AWS Cognito for secure user sign-up, sign-in, and authentication workflows.
- Implemented OAuth2/JWT tokens for secure API access and user session management.
- Added OTP verification using Twilio API to enhance account security.
- Designed and deployed scalable containerized services using Docker Compose on AWS EC2.

▪ **Food Delivery App with Real-Time Tracking & Hierarchy Management System**

Tech Stack: Python (Flask), Kafka, Redis, MySQL, Docker

- Developed a Kafka-based live order and location tracking system connecting customers and delivery partners.
- Designed message flow with real-time status transitions (sent → delivered → read).
- Implemented Hierarchy Management System for business owners to manage delivery agents, orders, and branch-level reporting.
- Optimized MySQL writes using bulk insertion (batch size = 10) for performance.
- Deployed scalable, fault-tolerant microservices architecture.

➢ **Key Strengths**

- Strong analytical & problem-solving mindset
- Practical experience deploying real-world workloads on EC2
- Ability to learn & adapt to modern cloud platforms
- Team collaboration in distributed environments

➢ **Career Goal**

To secure a role as an **AWS Cloud / DevOps Engineer**, leverage my backend development experience, and grow expertise in cloud automation, containerization, and scalable architectures.

🧠 TECHNICAL SKILLS

- **Programming & Backend:** Python, Flask, Kafka, Redis, SQLAlchemy.
- **Database Systems:** MySQL, Redis, MongoDB (Beginner), PostgreSQL.
- **DevOps & Cloud:** AWS EC2, AMI, Security Groups, AWS Cognito, Docker / Docker Compose, File system & package management, Basic CI/CD Understanding, IAM (Beginner).
- **Networking Fundamentals:** IP addressing & Subnetting, CIDR & VPC basics, DNS, Gateway, Routing concepts.
- **Tools & Version Controls:** Git & GitHub, Twilio API, Postman, VS Code.

🎓 EDUCATION

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad |
Bachelor of Vocational | 2019

Aurangabad Board | 12th Science | 2016

Aurangabad Board | 10th 2014

📇 CERTIFICATION

- Python and Data Science Certification Course | Velocity Corporate Training Centre Pune-2022

- AWS Certified Cloud Practitioner (planned)