

AFTAB FIROZ MULANI

Cloud Engineer | DevOps Engineer

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PROFESSIONAL SUMMARY

Cloud engineer working across AWS, Python, Docker, CI/CD, and serverless workflows, with project work spanning Lambda optimization, containerized services, asynchronous messaging, and automated AWS delivery. Brings 2+ years of enterprise production support, SLA-driven incident resolution, access governance, and compliance-aware operations across high-availability environments.

TECHNICAL SKILLS

Cloud Platforms: AWS Lambda, SQS, SES, ECR, S3, Elastic Beanstalk, IAM, CloudWatch

Containers and CI/CD: Docker, Docker Compose, Jenkins, SonarCloud, Git, GitHub

Programming and Automation: Python, FastAPI, Flask, SQL, REST APIs, Selenium, Linux, Bash, SSH

Cloud Operations: production troubleshooting, incident response, SLA management, access governance, audit support

CLOUD AND DEVOPS PROJECTS

Lambda Benchmark Dashboard | Python, FastAPI, AWS Lambda

- Built an AWS Lambda benchmark dashboard automating comparison across 6 memory configurations (128MB–3008MB) and 3 endpoint profiles, measuring cold starts, latency, and cost per million requests.
- Surfaced the optimal memory tier through 8 interactive dashboard views with results streamed live over Server-Sent Events, converting raw benchmarks into actionable cost-optimization recommendations.

GreenStay | AWS Lambda, SQS, SES, Flask, React, Docker

- Designed and containerized a hotel operations platform exposing 9 REST endpoints (Flask/React), with an asynchronous 3-stage SQS, Lambda, and SES pipeline that decoupled email delivery from the request path.
- Split the system into 4 independent services (web, API, worker, notification) and shipped a 4-stage Jenkins pipeline, modeling production-style, fault-tolerant cloud architecture.

CryptoFolio | Jenkins, Docker, SonarCloud, AWS ECR, Elastic Beanstalk, S3

- Developed a secure Flask/React portfolio platform serving 13 JWT-authenticated REST APIs, backed by 8 automated test suites and Dockerized services.
- Automated a 6-stage Jenkins pipeline (tests, SonarCloud quality gate, image build, ECR publish, and Elastic Beanstalk/S3 deploy), delivering end-to-end CI/CD from a single commit.

SAARUSH 2.0 | Python, Speech Recognition, Computer Vision

- Built a voice-driven automation assistant supporting 12+ hands-free commands (web search, email, system info, media) gated by OpenCV face authentication, with speech-to-text and text-to-speech.

PROFESSIONAL EXPERIENCE

Package Application Developer Associate | Accenture
Pune, India

Apr 2024 – Present

- Supported 80+ production, staging, development, and quality environments while managing access for 150+ users per quarter and maintaining compliance with enterprise security policies.
- Resolved 90+ production incidents per quarter with 96% SLA adherence, coordinating triage and escalation across cross-functional teams.
- Prepared audit evidence for 2+ compliance reviews and led shift operations covering work allocation, incident awareness, stakeholder updates, and operational handoffs.

Tech Lead (Student) Intern | JALA Academy
Remote

Dec 2022 – Sep 2023

- Completed cloud, DevOps, QA automation, and Python assignments using AWS, Docker, Jenkins, Selenium, Linux, and core cloud deployment concepts.
- Mentored peers, monitored learning progress, and coordinated team projects and technical presentations.

Python Developer Intern | Sagveek Technologies
Pune, India

May 2019 – Jun 2019

- Delivered assigned Python development tasks on schedule, writing and testing scripts and reporting progress to the team lead.

EDUCATION & CERTIFICATIONS

B.Tech, Cloud Technology and Information Security, Ajeenkya D Y Patil University
CGPA: 8.81/10 | Cloud Computing, Cloud Security, Linux, Network Security, Cryptography

2020 – 2023

Diploma, Computer Science, AISSMS Polytechnic

2017 – 2020 | 85.31%

Certifications and Training: Cloud Computing with AWS (2024) | Postman API Fundamentals Student Expert (2023)

Project Portfolio: Source code available at github.com/AftabMulani11.