MOHAMED FAIZAL S

AWS CLOUD ENGINEER

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LinkedIn | Portfolio

OBJECTIVE

Aspiring Cloud Engineer skilled in AWS, Terraform, and CI/CD automation, seeking to design scalable cloud infrastructure and optimize deployment efficiency.

PROFESSIONAL SUMMARY

AWS Cloud Engineer with hands-on experience in deploying, automating, and optimizing cloud environments using AWS services, Terraform, and CI/CD pipelines. Proficient in Python scripting, Infrastructure as Code (IaC), and cloud monitoring. Skilled in collaborating within Agile teams to deliver secure, reliable, and cost-effective cloud solutions.

TECHNICAL SKILLS

Programming: Python, Core Java, HTML, CSS
Databases: MySQL
Cloud Platform: AWS (EC2, S3, VPC, IAM, RDS, Route 53, CloudFront, CloudFormation, Auto Scaling, and more)
DevOps & Tools: Git, GitHub, Jenkins, Ansible, Splunk, Docker, Terraform, SonarQube
Telnet Tools: PuTTY, PuTTYgen, Pageant, WinSCP
Operating Systems: Windows, Linux, Ubuntu
Concepts: CI/CD, Infrastructure as Code (IaC), Cloud Monitoring & Automation

PROJECTS

Static Website Hosting on AWS S3

• Deployed a static website on AWS S3 with CloudFront for secure global content delivery.
• Configured Route 53 for domain mapping and SSL certificate via ACM.
• Improved website load performance by 35%.

Secure VPC Architecture on AWS

• Designed and implemented a custom Virtual Private Cloud (VPC) with public and private subnets to enhance network security and scalability.
• Configured Internet Gateway, NAT Gateway, and Route Tables to manage traffic flow efficiently.
• Deployed a multi-tier architecture using EC2, RDS, and Elastic Load Balancer, ensuring high availability and fault tolerance.
• Applied Security Groups and Network ACLs (NACLs) to enforce fine-grained access control and minimize vulnerabilities.

Enhancing Cloud Deployment on AWS

• Applied CI/CD pipeline using AWS services.
• Automated code integration, testing, and deployment.
• Reduced deployment time by 40% and achieved zero downtime across three production releases.
• Improved overall code quality and efficiency.

INTERNSHIP EXPERIENCE

AWS Training – re/Start Program (2025)

• Designed and deployed scalable cloud infrastructure using key AWS services such as EC2, S3, VPC, RDS, IAM and more than 30 services.

• Developed and executed CI/CD pipelines for automated deployment and continuous integration.

• Gained hands-on experience through multiple real-time projects focused on automation and optimization.

Intern – 8 Queens Software Technology, Chennai (Jun 2024 – Sep 2024)

• Contributed to front-end development of a movie details web application.

• Participated in Agile development cycles ensuring consistent progress and version control with Git.

EDUCATION

B.E. Computer Science and Engineering

E.G.S Pillay Engineering College, Nagapattinam, Tamil Nadu

CGPA: 8.31 (2020 – 2024)

CERTIFICATIONS

• AWS Cloud Practitioner Certified – Amazon (Global) – 2025

• AWS re/Start Graduate – Amazon Web Services (2025) – **View Credential**

• AWS Academy Cloud Foundation – AWS Academy (Feb 2024) – **View Credential**

• Prompt Engineering: Master the Art of Talking to AI – Sep 2025

ACHIEVEMENTS

• Successfully completed the AWS re/Start Program (2025) – 12-week global cloud training recognized by Amazon Web Services.

• Achieved AWS Cloud Practitioner Certification on the first attempt.

• Delivered multiple AWS cloud projects with hands-on implementation and automation expertise.

LANGUAGES

English, Tamil