MOHAMED FAIZAL S

AWS CLOUD ENGINEER

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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, Version Control, API Integration, Linux Administration

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PROJECTS

Static Website Hosting on AWS S3

• Hosted a secure static portfolio website on Amazon S3 with proper MIME types, bucket configuration, and restricted public access using OAC.
• Integrated CloudFront CDN for global content delivery, reduced latency, and improved website performance; applied bucket policies and origin access control.
• Deployed portfolio mirror on Cloudflare Pages as a secondary global hosting platform to ensure redundancy and zero-down time availability.

Secure VPC Architecture with EC2 Web Server (AWS)

• Designed and deployed a custom VPC with public subnets, route tables, and Internet Gateway for secure networking.
• Launched and configured an Amazon Linux EC2 instance in a public subnet with Apache web server and custom HTML page.
• Implemented secure access using key-pair authentication and restricted Security Groups (SSH, HTTP, HTTPS).

Enhancing Cloud Deployment on AWS

• Designed and implemented a CI/CD pipeline using AWS CodePipeline, CodeBuild, and S3 for automated build, test, and deployment.
• Streamlined code integration and automated testing workflows for reliable releases.
• Optimized deployment process, achieving 40% faster deployments with zero downtime across three production rollouts.
• Improved application code quality and operational efficiency using continuous validation and monitoring.

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) Nov 2025 – **View Credential**

• 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