MD SHARJIL ALAM

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github.com/sharjil07 Portfolio

Professional Summary

Results-driven **DevOps Intern** and Computer Science graduate with extensive hands-on experience in **Multi-Cloud environments (AWS & GCP)**. Proficient in **CI/CD Pipeline Automation**, **Containerization (Docker)**, and web infrastructure optimization using **Cloudflare**. Skilled at bridging the gap between development and operations to deliver scalable, secure, and cost-effective cloud solutions.

Technical Skills

Cloud Platforms:AWS (EC2, S3, Lambda, CloudWatch), GCP (Compute Engine, GKE, Cloud Storage)

Edge & Security: Cloudflare (DNS Management, Workers, WAF, SSL/TLS optimization)

DevOps Tools: Docker, Jenkins, Git, GitHub Actions, GitLab CI, CI/CD Pipelines

Languages: Java, Python (Automation Scripting), Shell Scripting (Bash), SQL

Infrastructure: Linux Administration (Ubuntu), Microservices, Networking

Work Experience

Avijo (Bohore Aggregator Pvt. Ltd)
Remote

DevOps Intern *Sept 2025 – Present*

- Managed high-availability **multi-cloud deployments** on AWS and GCP platforms for reliable core web services.
- Implemented **Cloudflare WAF and DNS** configurations to mitigate DDoS risks and improve global latency.
- Automating testing and delivery workflows using **Jenkins and GitLab CI**, reducing deployment errors by 30%.
- Developed optimized **Docker** container images for microservices, reducing deployment lead times by streamlining build layers and minimizing image sizes.
- Administered **IAM** security frameworks and Identity Access Management to implement RBAC across diverse cloud environments.

Key Projects

Hybrid Cloud CI/CD & Security Architecture

- Designed a pipeline that deploys applications to **AWS EC2** while utilizing **GCP Cloud Storage** for static assets.
- Integrated **Cloudflare Workers** to handle edge logic, significantly reducing server load and improving response times.
- Automated secret management and environment variable injection using secure cloud vaults.

Dockerized Microservices Environment

- Led the migration of a Java-based application to a **Dockerized architecture**, improving scalability by 50%.
- Set up automated monitoring using **AWS CloudWatch** and integrated alerts for real-time system health tracking.
- Managed networking layers and security groups to ensure secure communication between containers.

AWS/GCP Cost Optimization Engine

- Developed **Python-based serverless scripts** to automate the lifecycle of development instances on both AWS and GCP.
- Leveraged **EventBridge** and Cloud Scheduler to trigger stop/start sequences, reducing cloud costs by **60%**.
- Produced detailed usage audits to identify and terminate orphaned cloud resources.

Education

Chandigarh University
Punjab, India

Bachelor of Engineering in Computer Science (CGPA: 7.8/10) *2021 – 2025*

Jeewan Public School
Bihar, India

Class 12 (Higher Secondary) — 75.4% *2020*