Ashhad Ali

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DevOps Engineer with experience in CI/CD automation, cloud infrastructure, and containerization using tools like Jenkins, Docker, Kubernetes, and AWS. Focused on building scalable and reliable solutvgions.

PROFESSIONAL EXPERIENCE

Associate DevOps Engineer

International Franchise Business Corp. (Remote – US)
Jan 25 – Present

- Strengthened AWS-based cloud infrastructure, enhancing reliability, cost-efficiency, and scalability across environments.
- Streamlined CI/CD pipelines via GitHub Actions & OIDC, accelerating delivery cycles and improving developer productivity.
- Managed containerized deployments using Docker & ECS, ensuring zero-downtime rollouts and consistent 99.9% uptime.
- Automated end-to-end infrastructure provisioning with IaC tools like Terraform, improving auditability and reducing manual errors.

PROJECTS

CI/CD Pipeline for Java Application with Kubernetes & Jenkins
Nov 23

- Set up a Jenkins-based CI/CD pipeline for a Java application with Docker and Kubernetes.
- Automated build, test, and deployment processes, integrating SonarQube for static code analysis.
- Deployed containerized applications to Kubernetes clusters using Helm charts for scalability.
- Integrated GitHub Actions for automated image tagging and deployment, reducing manual interventions.

Cloud Infrastructure Deployment on AWS
Sep 23

- Configured VPC with public/private subnets for network segmentation and security.
- Deployed EC2 instances with IIS in an Auto Scaling Group for high availability.
- Implemented ELB for traffic distribution across multiple availability zones.
- Set up MySQL RDS in a private subnet with secure web app connectivity.
- Configured NAT Gateway for outbound internet access for private subnet instances.
- Applied security best practices using custom security groups (SGs) for ELB traffic.
- Set up Bastion Host for SSH/RDP access to private instances.

PORTFOLIO
GitHub:
ashhadhere (Ashhad Ali)

Website:
Profile — Ashhad Ali Portfolio

TECHNICAL SKILLS
- **Cloud Platforms:** AWS (EC2, S3, VPC), AWS Lambda
- **Programming Languages:** Python, Bash Scripting
- **Version Control:** Git, GitHub
- **Monitoring & Logging:** Prometheus, ELK Stack
- **Operating Systems**: Linux (Ubuntu, CentOS), Windows
- **Networking:** TCP/IP, DNS, VPN, Load Balancers

ACHIEVEMENTS
- Deployed AWS services (EC2, S3, VPC) for scalable cloud solutions.
- Migrated a legacy app to **Docker**, enhancing deployment.
- Automated CI/CD pipelines using **Jenkins**.

EDUCATION
Mohammad Ali Jinnah University- B.S (Computer Science) (2022-2025)