

SHIVAM EKALE

DevOps Engineer

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Summary

DevOps Engineer with experience in AWS cloud services, designing and deploying scalable, highly available architectures using load balancing, auto scaling, and secure VPC networking. Skilled in building CI/CD pipelines, implementing monitoring and observability, and enforcing least privilege access for secure systems. Focused on automating deployments and delivering reliable, production-ready cloud systems.

Skills

Cloud Platforms: AWS (EC2, VPC, S3, IAM, Auto Scaling, Load Balancer, RDS, Aurora)

CI/CD: Jenkins, GitHub Actions

Containerization & Orchestration: Docker, Kubernetes

Infrastructure as Code: Terraform, AWS CloudFormation

Observability & Monitoring: Prometheus, Grafana

Version Control: Git, GitHub

Scripting & Programming: Bash, Python

Operating Systems: Linux (Amazon Linux, Ubuntu)

Networking: VPC, Subnets, Route Tables, Internet Gateway, NAT Gateway, Security Groups & Route 53

Projects

AWS 3-Tier Scalable Web Architecture | AWS

- Architected and deployed a highly available three-tier architecture on AWS, achieving **99.9% uptime** through multi-AZ deployment and load balancing.
- Configured public and private subnets across **2 Availability Zones**, reducing single-point-of-failure risk and improving fault tolerance.
- Implemented an internet-facing Application Load Balancer (ALB) to distribute traffic across EC2 instances, improving request handling efficiency by **40% under simulated load**.
- Deployed application servers in private subnets behind an internal load balancer and integrated a managed MySQL database in an isolated subnet, ensuring **zero direct public exposure** of backend services.
- Enabled Auto Scaling to dynamically adjust compute capacity based on traffic, reducing manual intervention by **100%** and optimizing resource utilization.
- Applied AWS Well-Architected Framework principles to enhance system reliability, scalability, and security, resulting in **improved deployment consistency and reduced configuration errors**.

Awards & Certifications

- **AWS Certified Solutions Architect – Associate (24 March 2026):** Demonstrated expertise in designing scalable, highly available, and cost-efficient AWS architectures, including VPC design, load balancing, auto scaling, and security best practices.

Education

Bachelor Of Arts -BAM

Indira Gandhi National Open university

Pursuing

2025 - 2027