

Dipesh Mandal

AWS DevOps Engineer

dipesh1357m@gmail.com | +91 8619863554 | Jaipur - 302022

Proficient in Cloud Computing, DevSecOps & SDLC including analysis, coding, scripting, troubleshooting, testing, automation, version control, and support.

Work Experience

Orion Infosolutions, Jaipur - DevOps Intern

Feb 2025 - May 2025

- Deployed real-time gaming apps on AWS with EC2, S3, CloudFront, ELB, Auto Scaling, and Multi-AZ VPC for 99.9% uptime. Streamlined CI/CD with GitHub Actions, cutting deployment time by 50%.
- Optimized MySQL and MongoDB performance by resolving 20+ bottlenecks through slow query profiling, and reduced downtime by 30% via proactive network log analysis and faster issue resolution.
- Scheduled system backups and log cleanup using Bash scripts to maintain optimal system performance.
- Monitored infrastructure using Grafana dashboards and AWS CloudWatch alerts to detect and resolve issues proactively.
- Worked closely with IT operations to ensure the stability and reliability of production environments, reducing downtime by 50%.

Projects

CI/CD Pipeline for Java App Deployment on Kubernetes with Jenkins

Feb1 - Present

- Integrated Jenkins and SonarQube for CI and code analysis.
- Dockerized the app and pushed it to a private registry.
- Validated Helm charts with Datree and pushed to Nexus.
- Configured Jenkins pipeline with manual deployment approval.
- Enabled mail alerts and pull request triggers for collaboration.

AWS 3-Tier Architecture Deployment

Jan13 - Present

- Designed and deployed a scalable 3-tier AWS architecture using VPC, EC2, Multi-AZ RDS, and S3 to ensure high availability and fault tolerance.
- Configured Route 53 and AWS Certificate Manager for DNS management and SSL security, optimizing system performance and reliability.
- Optimized cloud infrastructure for scalability, security, and resilience by leveraging AWS best practices and multi-AZ deployments.

End-to-End DevOps Pipeline for Zomato Application

Dec10 - Present

- Engineered a scalable CI/CD pipeline using Jenkins and ArgoCD, integrating SonarQube, OWASP, and Trivy to automate security and quality checks across microservices deployed via Docker and Kubernetes.
- Achieved 99% deployment success rate by streamlining the build, test, and deployment processes across a microservices architecture.
- Built monitoring with Prometheus, Grafana & Node Exporter, improving performance insights by 40%.

Design and Manage infrastructure with Terraform while automating deployment workflows using GitHub Actions

Oct10 - Present

- Automated AWS resource provisioning (VPC, EC2, ALB) with Terraform.
- Deployed fault-tolerant EC2 instances across multiple AZs.
- Implemented end-to-end CI/CD automation using GitHub Actions for 100% efficiency.

Contribution

[Linkedin](#) | [GitHub](#) | [Portfolio](#)

Skills

- AWS
- Docker
- Kubernetes
- Jenkins
- Ansible
- Terraform
- Bash Scripting
- Python
- Trivy
- OWASP
- Helm Chart
- Grafana
- Prometheus
- SonarQube
- Maven
- Nexus
- Jira
- Git and GitHub
- SQL and NoSQL databases
- Apache and Nginx
- RHEL, UBUNTU, CENTOS

Certification

AWS Solution Architect Associate
AWS Cloud Practitioner

Education

B.Tech in Computer Science

Rajdhani Engineering College | Jaipur
2021 - 2025 | 7.89

Diploma in Computer Science

Shekhawati Group of Institution | Sikar
2018 - 2021 | 7.45

Achievement

- Good understanding and proficiency in HTML, CSS, Java, PHP, and Node.
- Created a responsive blog website using PHP, HTML, CSS and java with dynamic content and user interaction features.