

Viraj Darade

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GitHub: github.com/VIRAJDARADE/PROJECTS

Location: Pune, India

Professional Summary

Motivated and detail-oriented Cloud Engineer – Fresher with a strong foundation in AWS and DevOps practices. Proficient in designing, deploying, and managing scalable cloud infrastructure with hands-on experience in CI/CD, containerization, and monitoring. Passionate about automation, cloud security, and performance optimization. Seeking an opportunity to apply my technical expertise in a cloud-driven environment.

Skills & Technologies

- Cloud Platforms: AWS (EC2, S3, IAM, VPC, RDS, Route 53, Lambda, SNS, SQS, CloudWatch)
 - DevOps Tools: Docker, Kubernetes, Terraform, Jenkins, Maven
 - System Administration: Linux (CentOS7, Ubuntu), Windows
 - Infrastructure as Code (IaC): Terraform, CloudFormation
 - Web Servers: Apache Tomcat, Nginx, HTTP, HTTPS
 - Networking: DNS, TCP/IP, Load Balancers
 - Databases: PostgreSQL, MariaDB, MySQL
 - Monitoring & Logging: AWS CloudWatch
 - CI/CD Pipelines: Jenkins, GitHub Actions
 - Version Control: Git, GitHub
 - Scripting: Bash, Shell
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Projects

1. Three-Tier Web Application Deployment on AWS

- Overview:
Developed and deployed a scalable three-tier web application using AWS services to ensure security, high availability, and efficiency.
- Implementation:
 - Designed a VPC (Virtual Private Cloud) for secure networking.
 - Used EC2 instances for hosting the web and application servers.
 - Configured Amazon RDS with MariaDB as the database layer for data storage and management.
 - Set up subnets and security groups for better security and access control.
 - Implemented automated backups to protect against data loss.

- Achievements:
 - Successfully deployed a production-ready web application with high availability.
 - Optimized database performance and ensured secure data storage using AWS RDS.
 - Improved network security through VPC design and security group configurations.
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2. Secure Website Hosting on AWS

- Overview:
Hosted a secure website by integrating multiple AWS services to ensure reliability, security, and scalability.
 - Implementation:
 - Deployed EC2 instances to host the website.
 - Used AWS Certificate Manager to provide SSL/TLS encryption for secure communication.
 - Configured Amazon Route 53 for efficient domain name resolution and traffic routing.
 - Registered the domain and managed hosting using Hostinger.
 - Implemented best practices for performance optimization and security enhancements.
 - Achievements:
 - Successfully hosted a secure and high-performance website.
 - Ensured data privacy and encrypted communication using SSL/TLS.
 - Optimized domain management and traffic routing for improved website accessibility and reliability.
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Education

Master of Business Administration (MBA) – HR
IMS College, Ahmednagar (Completed: 2023)

Bachelor of Commerce (B.Com)
Ahmednagar College, Ahmednagar (Completed: 2021)

Certifications & Training

- DevOps Engineering Course – Matfly (Completed: 08/2024)
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Languages

- English, Hindi, Marathi