Yash Kulkarni

+919405678426 · yashkulkarni200@gmail.com

Pune , MH

PROFESSIONAL SUMMARY

AWS DevOps Engineer with practical experience in automating cloud infrastructure, setting up CI/CD pipelines, and managing containerized applications. Skilled in tools like Terraform, Jenkins, Docker, and Kubernetes. Experienced in deploying secure, scalable, and cost-effective solutions using AWS services like EC2, S3, RDS, and EKS. Proficient in implementing infrastructure as code (IaC), monitoring systems, and optimizing cloud performance and costs.

WORK EXPERIENCE

Hisan labs   **June 2024 - Present**

Jr DevOps Engineer

- Configured and provisioned AWS services such as EC2 instances, S3 buckets, RDS databases, and VPC with proper networking and security configurations.
- Automated infrastructure deployment using Terraform, ensuring consistency across different environments (development, testing, and production).
- Implemented Infrastructure as Code (IaC) using Terraform and AWS CloudFormation to automate resource provisioning and ensure consistent infrastructure across environments.
- Deployed containerized applications using Docker and orchestrated them with AWS EKS (Elastic Kubernetes Service) for scalability and high availability.
- Set up Jenkins pipelines integrated with GitHub for automating the build, testing, and deployment processes.
- Used Maven as a build tool for managing project dependencies and creating deployment-ready artifacts.
- Integrated SonarQube for static code analysis to improve code quality and identify bugs or vulnerabilities.
- Configured Amazon RDS (MySQL/PostgreSQL) for database management with automated backups and high availability using multi-AZ deployments.
- Implemented logging and monitoring solutions using AWS CloudWatch, Prometheus, and Grafana, ensuring real-time tracking of application performance and system health.
- Collaborated with the development team to troubleshoot deployment issues, optimize CI/CD workflows, and improve release cycles.
- Worked on cost optimization strategies by monitoring AWS usage, identifying underutilized resources, and implementing resource tagging for better visibility.
- Managed and maintained security configurations for AWS resources, including setting up IAM roles, security groups, and VPC network ACLs to ensure secure access.

CERTIFICATIONS

AWS DevOps Engineer   **Jan 2024 - July 2024**
Issued by: CloudBlitz Technologies

AWS DevOps Internship   **Aug 2024 - Present**
Issued by: Hisan Labs

KEY COMPETENCIES

Cloud Platforms AWS (EC2, S3, RDS, Lambda, VPC, IAM) | Azure | GCP

Build Tools & Code Quality Maven | SonarQube

CICD Jenkins | Gitlab CI

Infrastructure as Code (IaC) Terraform | CloudFormation

Containerization & Orchestration Docker | Kubernetes | AWS ECS/EKS

Monitoring & Logging AWS CloudWatch | Grafana | Prometheus

Programming & Databases Python | MySQL | MongoDB

Soft Skills Communication | Collaboration | Problem-Solving

EDUCATION

GS Moze College Of Engineering Balewadi , Pune

Master Of Computer Applications (MCA)   **Nov 2022 - June 2024**

MGM Dr. GY Pathrikar College Of CS & IT , Aurangabad

Bachelor of Computer science Bsc(CS)   **July 2019 - Aug 2022**

THANK YOU