Dhiraj Dagabaj

AWS DevOps Engineer   www.dhiraj.cloud

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Professional Summary

Dynamic AWS DevOps Engineer with 2 years of experience in designing, deploying, and managing scalable AWS cloud infrastructure. Proficient in automating CI/CD pipelines, container orchestration, and implementing robust monitoring and security solutions. Skilled in leveraging AWS services, Kubernetes, and observability tools to enhance system performance and reliability. Experienced in managing full AWS accounts for clients, including cost optimization and multi-application deployments. Seeking to contribute expertise to innovative organizations driving technological excellence.

Technical Skills

- **Cloud Platforms**: AWS (EC2, ECS, EKS, S3, IAM, Route53, CloudWatch, CloudFormation, Lambda, DMS, CodeBuild, CodeDeploy, CodePipeline, SQS)

- **CI/CD Tools**: Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy

- **Containerization & Orchestration**: Docker, Kubernetes, ECS on EC2, Fargate

- **Infrastructure as Code**: CloudFormation, Terraform

- **Programming Languages**: Java, Spring Boot, Python, JavaScript

- **Scripting**: Shell, PowerShell, SQL, AWS CLI

- **Databases**: MySQL, PostgreSQL, MongoDB

- **Message Queues**: Apache Kafka, AWS SQS

- **Operating Systems**: Linux/Unix, Windows Server

- **Version Control**: Git, GitHub

- **Monitoring & Observability**: Grafana, Prometheus, AWS CloudWatch

- **Security**: IAM, Firewalls, OS Hardening, AWS Security Services

- **Middleware**: Apache HTTP Server, Tomcat

Professional Experience

DevOps Engineer Quickinfra Cloud Solutions, Pune, Maharashtra   *May 2023 – Present*

- Architected and managed AWS cloud infrastructure (EC2, ECS, EKS, S3) to ensure high availability, scalability, and performance for enterprise applications.

- Designed and implemented CI/CD pipelines using AWS CodeBuild, CodeDeploy, CodePipeline, and Jenkins, reducing deployment time by 40%.

- Automated infrastructure provisioning and configuration with CloudFormation and Terraform, improving deployment consistency and reducing manual errors.

- Enhanced security by implementing IAM policies, configuring firewalls, and performing OS hardening, achieving compliance with organizational security standards.

- Led cost optimization initiatives using AWS Cost Explorer, implementing reserved instances and right-sizing resources, resulting in 25% cost savings.

- Contributed to Quickinfra's internal product deployments, streamlining release cycles and improving product delivery efficiency.

Education

Bachelor of Science in Computer Science
Savitribai Phule Pune University, Maharashtra   August   2019 – November 2022

Certifications

- **AWS Certified Developer – Associate** (2024) Validation : Link
- **Java Full Stack Development** | Code-Kul Software Training Institute, Pune

Projects

Email Processing System Using AWS SQS and Java SDK

- Developed a scalable email processing system using Java Spring Boot and AWS SDK, leveraging AWS SQS for message queuing.

- Processed high volumes of user emails asynchronously, ensuring fault tolerance and reliability with SQS dead-letter queues.

- Integrated MongoDB for storing email metadata and Apache Kafka for real-time event streaming, improving system throughput by 35%.

- Deployed the system on ECS with automated CI/CD pipelines, achieving zero-downtime deployments.