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Profile

Enthusiastic and dedicated DevOps Engineer with a BCA degree from the University of Kerala (2020) and completed specialized courses in CCNA and AWS Solution Architect. Leveraging two years of hands-on experience in the IT industry, primarily focused on DevOps practices. Proficient in managing and optimizing cloud environments across AWS, GCP, and Azure (Basic). Skilled in a range of DevOps tools including Docker, Kubernetes, Terraform, and CI/CD pipelines.

Skills

Category

Operating system

DevOps Tools

Cloud Platforms

Scripting Languages

CI/CD Pipelines

Monitoring and Logging

Infrastructure as Code

Version Control

Tools

Linux (Ubuntu, RHEL)

Terraform, Docker, Kubernetes

Amazon Web Services (AWS), Google Cloud Provider (GCP),
Azure (Basic)

Python (Basics)

Jenkins, GitLab CI/CD

Prometheus, Grafana

Terraform

Git

Education

1. Bachelor of Computer Application (BCA)

- University of Kerala
- 2020

2. Higher Secondary Education (HSS)

- Govt H S S Kamaleswaram
- 2017

Professional Experience

Position	Duration	Company
Junior DevOps Engineer	November 2023 - Present	Urolime Technologies
Junior Engineer (DevOps)	October 2022 – November 2023	Urolime Technologies

Projects

1. Serverless Web Application Development with AWS:

- Leveraged AWS Amplify for hosting frontend resources, Amazon Cognito for user account management, Lambda functions for backend processes, and Amazon API Gateway for RESTful API exposure.

2. Infrastructure Provisioning with Terraform:

- Orchestrated Amazon EKS infrastructure using Terraform, including clusters, worker nodes, and networking components.
- Managed security groups and IAM roles to ensure smooth EKS operations and reliable infrastructure deployments.

3. Google Kubernetes Engine (GKE) Deployment:

- Implemented Google Kubernetes Engine (GKE) with Terraform, adhering to industry best practices.
- Deployed Node.js applications using Helm Charts and optimized CI/CD pipelines with Google CI/CD services.
- Explored Cloud Agnostic deployment strategies utilizing Jenkins.

4. On-premise Application Migration to Cluster Environment:

- Successfully migrated on-premise applications to a cluster environment, enhancing scalability and reliability.
- Integrated monitoring tools to ensure improved performance and maintainability.

5. Disaster Recovery (DR) Setup Implementation:

- Engineered and executed strategies to establish a Disaster Recovery (DR) setup, fortifying production environment resilience and continuity.
- Transitioned from conventional infrastructure to a robust DR setup, guaranteeing uninterrupted operations during unforeseen events.

Courses

- **AWS Solution Architect**
- **CCNA**

Additional Information

- **Languages:** Fluent in English, Malayalam and Hindi
- **Interests:** Continuous learning, cloud technologies and sports