**Abhin Anil Kumar *DevOps Engineer***

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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** | **Tools** |
| --- | --- |
| Operating system | Linux (Ubuntu, RHEL) |
| DevOps Tools | Terraform, Docker, Kubernetes |
| Cloud Platforms | Amazon Web Services (AWS), Google Cloud Provider (GCP), Azure (Basic) |
| Scripting Languages | Python (Basics) |
| CI/CD Pipelines | Jenkins, GitLab CI/CD |
| Monitoring and Logging | Prometheus, Grafana |
| Infrastructure as Code | Terraform |
| Version Control | 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