VIKAS D

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OBJECTIVE

A highly motivated and dedicated individual seeking an opportunity as an AWS DevOps Engineer to leverage my knowledge of cloud computing, AWS services, continuous integration, continuous delivery (CI/CD), and automation tools. Eager to contribute to the success of the organization and enhance my skills in cloud infrastructure and DevOps practices.

EDUCATION

Bachelors in Computer Applications   2024
CMR UNIVERSITY, Kasturinagar, Bengaluru CGPA : 7.83

State Board, Class XII   2021
New Horizon PU College, Kasturinagar, Bengaluru, 75.83%

CBSE, Class X   2018
Amara Jyothi Public School, Kr Puram, Bengaluru, 96.6%

TECHNICAL SKILLS

- **Cloud Platforms: AWS (Amazon Web Services) – EC2, S3, VPC, Lambda, RDS, CloudWatch.**
- **DevOps Tools: Jenkins, Git, Docker, Kubernetes, Terraform, Ansible, Chef, Puppet.**
- **Programming Languages: Python, Bash, Shell Scripting, Java**
- **CI/CD: Jenkins, AWS CodePipeline, GitLab CI**
- **Containerization: Docker, Kubernetes.**
- **Networking: VPC, Subnets, Security Groups, Route 53, ELB, Nginx, Load Balancers.**
- **CCNA(CISCO): CERTIFICATION**

PROJECTS

1. AWS CLOUD COST OPTIMIZATION
Technologies used: Lambda, EC2, EBS

- Created a Lambda function that identifies EBS snapshots that are no longer associated with any active EC2 instance and deletes them to save on storage costs.

- If it finds a stale snapshot, it deletes it, effectively optimizing storage costs.

2. CI/CD Pipeline Implementation using Jenkins
Technologies used: Jenkins, Git, Docker, AWS Code Deploy

- Developed a continuous integration and deployment pipeline to automate the build, test, and deployment processes for a sample application.

- Integrated Docker into the pipeline for containerized deployments to AWS EC2 instances.

- Configured automated deployment with AWS Code Deploy and monitoring with CloudWatch.

3. Kubernetes Deployment for a Multi-tier Application
Technologies used: Kubernetes, Docker, AWS EKS, Helm

- Deployed a multi-tier application (frontend, backend, and database) using Kubernetes on AWS EKS.

- Managed Kubernetes clusters, and created Helm charts to manage deployments.

- Configured horizontal pod autoscaling based on resource usage and load.

INTERNSHIP/EXPERIENCE

BESANT TECHNOLOGIES

1. Internship - Cloud DevOps Intern

Besant Technologies — Bengaluru, Karnataka — August, 2024 – October, 2024

- Assisted in the configuration and management of AWS Cloud Infrastructure including EC2, S3, IAM roles, and RDS databases.
- Worked on implementing CI/CD pipelines using Jenkins and GitHub Actions.
- Collaborated with development teams to improve the deployment process and reduce release times.

2. Internship - DevOps Intern

Besant Technologies — Bengaluru, Karnataka— November, 2024 – February, 2025

- Automated system administration tasks using Bash and Python scripts.
- Assisted in configuring Docker containers and managing microservices with Kubernetes.
- Worked on AWS Lambda to automate serverless functions for cost-effective solutions.

ACHIEVEMENTS

Runners at Flyer'sCup Inter-school Badminton Sports: Year 2016-2017
Runner's at Inter-House Competition, Basket Ball Sports: Year 2018-2019.

CERTIFICATIONS

- Cloud Computing and DevOps from Besant Technologies.
- Selenium Automation Using Java from Xanika Infotech Solutions.
- Cisco Certified Network Professional (CCNP) Service Provider.