Sameer A

DevOps Engineer

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🪪 SUMMARY

Dedicated and Certified **AWS and DevOps** with 6 months of hands-on training in DevOps tools and practices. Proficient in automating and optimizing CI/CD pipelines, infrastructure management, and cloud deployments. Experienced in using tools like **Jenkins, Docker, Kubernetes, Terraform, and AWS** to streamline development workflows and enhance operational efficiency. Strong understanding of version control (**Git,Github**), configuration management (**Ansible**), and monitoring solutions (**Prometheus, Grafana**). Skilled in leveraging Infrastructure as Code (**IaC**) for scalable and efficient infrastructure provisioning. Collaborative team player with a focus on continuous improvement and problem-solving in fast-paced environments.

🎓 EDUCATION

Bachelor of Science in Computer Science   2021 – 2024
A.E.S National Degree College   Gauribidanur, India
- Graduation with Distinction
- Total Marks: **3465** / 4050
- Final CGPA: **8.6** CGPA
- Final Grade: **85.5**%

Diploma in Computer Application   2021
Naveen Institute of Technology   Gauribidanur, India
- Passout with **A Grade**

🧠 SKILLS

Cloud Platform
AWS (IAM, EC2, S3, EBS, EFS, Load Balancer, Auto Scaling, VPC, RDS, DynamoDB, Route53, Code Build, Code Commit, Code Deploy, Code Pipeline)

Operating Systems
Linux (Ubuntu), Windows

Configuration Management Tools
Ansible

Programming Languages
Python, Bash

CI/CD tools
Jenkins, AWS (Code Build, Code Commit, Code Deploy, Code Pipeline)

Infrastructure as Code (IaC)
Terraform

Version Control
Git, GitHub

Containerization Technologies
Docker, Kubernetes

Monitoring Tools
Prometheus, Grafana

🧩 INTERNSHIP

DevOps Intern 2024-10 – present

AWS Solutions Architect & DevOps Training Program (6 Months)

- **Basic knowledge** of software development practices and concepts (preferably Python).
- Familiarity with **Linux(Ubuntu) systems** and command-line tools.
- Understanding of version control systems, particularly **Git & Github**.
- Basic understanding of **cloud computing** platforms (**AWS**).
- Exposure to **CI/CD tools** (**Jenkins**) is a plus.
- Familiarity with **containerization technologies** like **Docker** and **Kubernetes** is beneficial.
- Configuration Management Tools like **Ansible** to automate infrastructure setup and configuration.
- Infrastructure as Code (IaC) like **Terraform** Learn how to define and provision infrastructure using configuration files
- Monitoring Tools: Learn to set up **Prometheus**, **Grafana**
- **Hands-on experience** with cloud platforms, automation tools, and CI/CD pipelines.

Machine Learning 2024-05 – 2024-06

Machine Learning With Python (1 Month)

- Optimized machine learning models using hyperparameter tuning, reducing training time and improving accuracy.
- Enhanced machine learning model accuracy by implementing advanced algorithms and feature engineering techniques.
- Devised and deployed predictive models using machine learning algorithms to drive business decisions.
- Supported staff members in their daily tasks, reducing workload burden and allowing for increased focus on higher-priority assignments.
- Gained valuable experience working within a specific industry, applying learned concepts directly into relevant work situations.

📁 PROJECTS

• Healthcare Domain

Medicure

Medicure is facing multiple problems, because of involved complexity in application as well as Infrastructure.

Following are the problems:

- ✓ Building Complex builds is difficult
- ✓ Manual efforts to test various components/modules of the project
- ✓ Incremental builds are difficult to manage, test and deploy
- ✓ Creation of infrastructure and configure it manually is very time consuming
- ✓ Continuous manual monitoring the application is quite challenging.

This project will be about how to test the services and deploy code to dev/stage/prod etc, just on a click of button.

- **Banking & Finance Domain**

FinanceMe

The company's goal is to deliver the product updates frequently to production automatically with High quality & Reliability. They also want to accelerate software delivery speed, quality and reducing feedback time between developers and testers.

They are facing following problems, because of various technologies involved in the project.

✓ Building Complex Monolithic Application is difficult.
✓ Manual efforts to test various components/modules of the project
✓ Incremental builds are difficult to manage, test and deploy.
✓ It was not possible to scale up individual modules independently.
✓ Creation of infrastructure and configure it manually is very time consuming
✓ Continuous manual monitoring the application is quite challenging.

This project will be about how to test the services and deploy code to dev/stage/prod etc, just on a click of button

- **Insurance Domain**

InsureMe

The company's goal is to deliver the product updates frequently to production with High quality & Reliability. They also want to accelerate software delivery speed, quality and reduce feedback time between developers and testers.

Following are the problems the company is facing at the moment

✓ Building Complex builds is difficult
✓ Manual efforts to test various components/modules of the project
✓ Incremental builds are difficult to manage, test and deploy
✓ Creation of infrastructure and configure it manually is very time consuming
✓ Continuous manual monitoring the application is quite challenging.

This project will be about how to test the services and deploy code to dev/stage/prod etc, just on a click of button.

- **Ecommmerce Domain**

Cozasote

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• Hospitality Domain

Restoran

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• Hospitality Domain

LuxuryHotel

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🌐 LANGUAGES

- English

- Hindi

- Kannada