SUCHITHRA CHAUHAN
DevOps Engineer

Email:suchithraee1999@gmail.com · Mobile: +91 9743409692

PROFESSIONAL SUMMARY

- 3 years of experience in designing and implementing **CI/CD pipelines**, managing cloud-based infrastructure, and automating processes to improve software development and deployment efficiency.

- Demonstrated hands-on expertise on Automation and Build tools including **Aws, codefresh/jenkins, Docker, Kubernetes**. Collaborate with team members to improve the company's engineering tools, systems and procedures, and data security.

- Experience in working with container orchestration tools such as **Docker** and **Kubernetes** (**EKS**)

- Experience with source control, and Continuous Integration/Continuous Delivery pipelines (**codefresh)**

- Experience working with cloud provider (**AWS**) and familiar with Cloud provider services

- Managing Cloud Infrastructure using Infrastructure as Code using **Terraform.**

- Experience in writing automation scripts in **BASH**

- Experience with container-based deployments using Docker, working with Docker images, **Docker hub** and **Docker registries**.

- Preserve and managing writable layers using **Bind Mount**, **Volumes** in Docker.

- Hands-on experience with the latest technologies through real-world applications.

PROFESSIONAL EXPERIENCE

- **HCL Technologies Ltd. Bangalore, India**   January 2022 - Present
  Software Engineer – DevOps

  Client: ANZ Bank

  Tools used: Git, Linux, Codefresh, Docker, Terraform.

  Operating system: Windows, Linux

  Cloud Technology: AWS

  Languages: Golang

  Roles and Responsibilities:

  - Built and managed CI/CD pipelines using Codefresh to automate the build, test, and deployment of serverless applications.

  - Implementing End-to-End Continuous Integration and Continuous Delivery by **codefresh** pipeline and used **Docker** in process.
  - Developed and maintained Infrastructure as Code (IaC) using **Terraform** to provision and manage AWS services including **Lambda**, **S3, IAM, and DynamoDB**.
  - Experienced in branching, cloning and maintaining the versions using SCM tools like **GIT** and **GITHUB** on windows and Linux platform.
  - Worked on creation of custom Docker images by composing **Dockerfile** and pushing the images to **Docker Registry**.
  - Configured AWS CloudWatch for centralized logging performance monitoring and alerting of Lambda functions and associated infrastructure.
  - Integrated security tools such as BlackDuck and Checkmarx into the deployment pipeline to ensure code quality and compliance.
  - Actively participated in sprint planning and DevOps stand-ups to align infrastructure automation with application development timelines.

- Experience in following agile and scrum methodologies.

ACADEMIC DETAILS

- **Bachelor of Technology**: B.E in Electrical & Electronics Engineering from STJ institution of technology, Ranebennur, Karnataka-7.0 CGPA
- **PUC**: SAGB PU college, Davanagere, Karnataka-80%
- **SCHOOL**: Mahila Seva Samaja High School, Davanagere, Karnataka-88%

TECHNICAL SKILLS

- **Operating Systems**: Linux and Windows
- **Cloud Platform Services**: AWS(lambda, S3, DynamoDB, ec2)
- **Infrastructure as Code**: Terraform
- **Containerization Tools**: Docker
- **Scripting**: Bash
- **Container Orchestration Tools**: Kubernetes
- **Monitoring Tools:** Grafana and Prometheus
- **Version Control Systems**: Git (GitHub)
- **CI/CD:** Jenkins/Codefresh

Declaration

I hereby declare that all the above-written particulars are true to the best of my knowledge.

(SUCHITHRA)