

# SUCHITHRA CHAUHAN

## DevOps Engineer

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### PROFESSIONAL SUMMARY

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- 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.
- Designed and managed CI/CD pipelines using **Codefresh** and **GitHub Actions** for serverless and containerized applications.
- Provisioned AWS services (**Lambda, S3, IAM, DynamoDB**) using **Terraform (IaC)**.
- Built and maintained Docker images with custom Dockerfiles in public/private registries.
- Deployed **Flask + Redis voting app** on **AWS EKS** using **NodePort, load balancer, ingress controller StatefulSets**, and **persistent volumes**.
- Automated EKS deployments with **Helm** and GitHub Actions.
- Configured **CloudWatch** for monitoring Lambda and Kubernetes resources.
- Integrated **BlackDuck** and **Checkmarx** for security and compliance in CI/CD.
- Participated in **Agile ceremonies** and supported **Dev, SIT, and Prod** environments.

### PROFESSIONAL EXPERIENCE

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#### HCL Technologies Ltd. Bangalore, India

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*Software Engineer – DevOps*

January 2022 – Present

**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.

## ACADEMIC DETAILS

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- **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

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- **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:** Github action/Codefresh

## Declaration

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

(SUCHITHRA)