

LOKESH K

DevOps Engineer – Fresher

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EDUCATION

PMC ENGINEERING COLLEGE

B TECH IN INFORMATION TECHNOLOGY

Expected June 2024 | CGPA : 8.3 /10.0

GOVT BOYS HR SEC SCHOOL

MATHS BIOLOGY

Expected May 2020

CERTIFICATION

- [DevOps Certification](#) | ID: 7091as6b81000791mQ.
- [Aws Cloud Practitioner](#) | ID: EBEON0424903070

SKILLS

DevOps Tools & Technologies:

Cloud Platforms:

- Amazon Web Services (AWS)
- EC2, S3, IAM, EKS, VPC,
- RDS, CloudWatch

Infrastructure as Code (IaC):

- Terraform
- AWS CloudFormation

Containerization & Orchestration:

- Docker
- Kubernetes (EKS, ,)

CI/CD Tools:

- Jenkins (pipelines, multistage)

Version Control:

- Git & GitHub

Operating System :

- RedHat , Ubuntu , Amazon Linux

PUBLICATION

IEEE : [\[LINK\]](#)

Indian Journal of Computer Science and Technology

Accident Prediction System Utilizing Mobile Accelerometer Sensors

- [DOI:10.59256/indjcst.20240302010](https://doi.org/10.59256/indjcst.20240302010)
- [Corpus ID: 270052253](#)

ABOUT ME

Entry-Level DevOps Engineer with hands-on experience in automating cloud infrastructure using AWS, Docker, Jenkins, and Terraform. Skilled in building CI/CD pipelines and managing containerized applications on Kubernetes. Eager to apply DevOps practices to deliver reliable and scalable cloud solutions.

INTERNSHIPS

BESANT TECHNOLOGY | DEVOPS INTERN

- DevOps Intern at Besant Technologies, where I implemented 4+ CI/CD pipelines using Jenkins and Docker, and managed containerized applications on Kubernetes.
- Gained hands-on experience deploying and monitoring infrastructure across AWS services including EC2, S3, and IAM roles.

1STOP | CYBER SECURITY

NOV 2021 | JAN 2022

- Completed a cybersecurity internship at 1 Stop, where I gained practical experience in identifying potential security risks,
- Gained hands-on experience in Networking and Linux systems, enhancing my cybersecurity skill set.

PROJECTS

Microservices-based E-commerce Platform using Jenkins

AWS | JENKINS | KUBERNETES

[\[LINK\]](#)

- Built a CI/CD pipeline using Jenkins for a microservices-based e-commerce app, automating end-to-end deployment with 95% process.
- Containerized services with Docker and deployed on Kubernetes, reducing deployment downtime by over 80%.

Deploying a Netflix Clone on Kubernetes using DevSecOps

AWS | JENKINS | KUBERNETE | SONARQUBE

[\[LINK\]](#)

- Designed and deployed a Netflix Clone application using Kubernetes and a DevSecOps pipeline with integrated security tools like Jenkins, Trivy, SonarQube, and ArgoCD.
- Enhanced security and delivery automation by 90%, resulting in an 85% reduction in deployment-related downtime

Accident Prediction and Emergency Response System Using Accelerometer Sensor

FLUTTER | FIREBASE | MOBILE APPLICATION

[\[LINK\]](#)

- Developed an accident prediction system utilizing Mobile Accelerometer Sensors for real-time emergency detection and reporting.
- Created a Cross-Platform Mobile Application with Flutter for seamless user data management and Automated Alert Generation.