

NIKHIL CHAUHAN

8373965180 ◇ Delhi, IN

nikhilchauhan2611@gmail.com ◇ linkedin.com/nikhil ◇ [Blogs](#)

EXPERIENCE

DevOps Engineer
Samajh.AI

Apr 2023 - present
Noida, UP

- Worked on tools and technologies like **Kubernetes**, **Ansible**, **Grafana**, **Jenkins**, **Python**, **Azure ML**, etc.
- Established an on-premise **Kubernetes** cluster using **Kubespray**, facilitating the deployment of a full-stack web application using **Helm Charts**.
- Enhanced system stability and efficiency by automating configuration management through **Ansible** playbooks.
- **Monitoring**: Implemented health monitoring of servers CPUs & GPUs using **Grafana** and **Prometheus**.
- Developed **Flask APIs** to seamlessly integrate ML/AI models for data-driven decision-making.
- Implemented a secure internal network using **Pritunl VPN** to safeguard data privacy.

DevOps Intern
Mobifly

Feb 2023 - Mar 2023
Gurugram, HR

- Gained hands-on experience with the production environment's **CI/CD** process, contributing to a deeper understanding of DevOps principles.
- Developed **Shell scripts** to automate and streamline the auditing process, improving efficiency and accuracy in compliance tasks.

PROJECTS

A MERN app deployed on Kubernetes ([Github](#))

- Successfully deployed a full-stack MERN (MongoDB, Express.js, React, Node.js) web application on a **Kubernetes** cluster. Leveraged **Minikube** for cluster creation, ensuring scalability and reliability.

Song Recommendation by emotions ([Github](#))

- Developed a web-based chatbot application for recommending songs based on user emotions.
- Utilized **TensorFlow** and **Keras** to build the chatbot and a mood analysis model.
- Implemented mood analysis using the IBM Sentiment Analysis API for accurate emotion detection.

CI/CD using AWS ([Github](#))

- Established an automated CI/CD pipeline using **Jenkins**, **Nexus**, **Sonarqube**, **Slack**, **Amazon ECR** (Elastic Container Registry), **Amazon ECS** (Elastic Container Service), **Amazon EC2**, and other tools

EDUCATION

Bachelor of Computer Science, Krishna Engineering College, AKTU (7 CGPA)

2020-2023

Diploma of Information Technology, IIT Dwarka (65%)

2017 - 2020

SKILLS

Technical Skills	Kubernetes, Docker, Python, Terraform, Azure DevOps, MLOps, Monitoring
Tools	Ansible, Jenkins, Grafana, Loki, Prometheus, Helm, ELK Stack, DataDog, New Relic
Database	MongoDB(Aggregation Query, Sharding), SQL

ACHIEVEMENTS

- Succeeded as the second runner-up in the college's internal Hackathon, showcasing strong problem-solving and teamwork abilities. [Eco Friendly Packaging Product](#)