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Monil Goyal  
Software Engineer

## Projects

### Kubernetes ChatBot

AI driven chat app to execute Kubernetes operations using natural language processing. Supporting more than 15+ operations on K8s resources - Namespace, Pod, Deployment.

### Docker Web App

Docker on web having well organized GUI to perform all docker operations through browser. One click control over docker containers and images.

### Portfolio Website

Single page portfolio website deployed on AWS Serverless architecture using lambda, S3 and google app script

### Multi-label Face Recognizer

Multi-label face recognizer having more than 85% accuracy trained using Local Binary Pattern Histogram(LBPH) algorithm that launches infrastructure using terraform on successful detection of user.

### Automating LVM Partition

Command Line interactive app to automate LVM partition in Linux system. Seamlessly listing all valid resources and operations to perform.

## INTERNSHIPS

### Software Developer Intern

Jun '22 - Jul '22

#### ALLPS GmbH

Remote

Collaborated with the team and developed multiple features. Implemented npm modules to process geo spatial data and display over maps using react, making them interactive and integrate with external APIs.

### MLOps Intern

May '21 - Aug '21

#### LinuxWorld Informatics Pvt Ltd

Remote

Worked on modern technologies and developed web apps to make them accessible through browsers. Designed and trained NLP and face recognition models, integrated with other technologies. Launched infrastructure over AWS using IaC tool terraform. Created ansible playbook to configure reverse Proxy and auto update it's configuration file when there is new node.

## TECHNICAL SKILLS

**Strongest Area** : React, Next.js, Node, Redux, Tailwind CSS, Express.js, JavaScript, typescript, python, flask, Html, CSS

**Tech and Tool** : Git & GitHub, Docker, Jenkins, Ansible, AWS, Terraform, MongoDB, MySQL, Linux

## Achievements

### Five Star rating on Upwork

Achieved 5 star rating for multiple projects with positive feedback on [upwork](#).

## EDUCATION

### Bachelor of Engineering (B.E), Information Technology

Aug '19 - Jun '23

#### MBM Engineering College, Jodhpur(Raj.)

CGPA: 8.40