

# Monil Goyal

Software Developer

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Upwork: <https://url.monilgoyal.me/upwork>

## PROJECTS

### Portfolio Website

- Designed single-page web application using NextJS and Tailwind CSS to provide my professional information.
- Deployed frontend on vercel and backend on AWS lambda and stored object files in S3 using presigned URL.
- Enabled email automation using Google App script triggers and stored contact info with the Google Sheet API.

### Kubernetes ChatBot

- Built an AI driven chat app to execute Kubernetes commands using natural language processing.
- Operated with more than 15+ operations on Kubernetes resources - Namespace, Pod, Deployment.
- Trained NLP model to understand normal english language using Python's spacy library.

### Multi-label Face Recognizer

- Created Multi-label face recognizer with more than 85% accuracy using Local Binary Pattern Histogram algorithm
- Configured terraform module to launch infrastructure on AWS when the right user is detected successfully.

### Automating LVM Partition

- Scripted an command line interactive app to automate LVM partition in Linux system.
- Reduced efforts to manage the LVM partition by seamlessly listing all valid resources and executable operations.

## EXPERIENCE

### Software Developer Intern - ALLPS GmbH

Jun '22 - Jul '22

- Implemented code to process geospatial data and display it over maps using React and NPM modules.
- Integrated ArcGIS API with react app and design interactive web app for better user experience.

### Freelance Web Developer

Mar '22 - Present

- Delivered 4+ projects on Upwork all with 5 star rating and good review.
- Developed reliable and efficient API solutions in the least amount of time for clients.

### MLOps Intern - LinuxWorld Informatics Pvt Ltd

May '21 - Aug '21

- Engineered solution for k8s and docker to make them accessible from web and execute commands using NLP.
- Worked in a team of 3 and developed an ML model for multi-label face recognition with more than 85% accuracy.

## TECHNICAL SKILLS

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

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

## EDUCATION

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

2019 - 2023

MBM Engineering College, Jodhpur(Raj.)

CGPA: 8.64