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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 with dark theme, build with next.js, hosted on vercel.

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   CGPA: 8.40