DHRUV MODI

Email: dhruv.modi2345@gmail.com | Contact: 7201982878
LinkedIn: Dhruv modi | Portfolio: portfolio-6f57d.web.app | GitHub: Dhruv7201
Address: C-103 Balaji Platina, Gurukul Circle, Vadodara, 390025

PROFESSIONAL EXPERIENCE

Associate Software Engineer - Ethics InfoTech LLP **Aug 2023 - Present**

- Created employee monitoring software from scratch using RabbitMQ React and Core Python Libraries.
- Connected FastAPI with GitLab's GraphQL API to produce detailed reporting.
- I worked on my organization's face detection system and batter security system.
- Completed the automation of the POS store database file transfer and manipulation.
- Implemented Number Plate detection and automated the process of storing the number plate file to streamline Uttarakhand Tourism Development's travel monitoring.

Trainee Software Developer - Ethics InfoTech LLP **Mar 2023 - Aug 2023**

- Developed an AI model for box detection using OpenCV with Optical Character Recognition (OCR) and YOLOv5/YOLO-NAS.
- Designed and implemented an IoT-based project, constructing a vending machine utilizing Raspberry Pi and integrating Paytm Dynamic QR API.
- Acquired proficiency in key concepts of containerization using Docker and Docker Compose.
- Created a Python API for CV analysis to optimize the hiring process within Odoo.

EDUCATIONAL BACKGROUND

BTech Computer Science **Mar 2023**

- Parul University

Diploma in Computer Science **May 2020**

- Parul Institute of Engineering & Technology (GTU)

DEVELOPMENT SKILLS

- Python
- React and Redux
- FastAPI
- Flask
- Django

- Rust
- RabbitMQ
- REST APIs
- GraphQL
- WebSocket

- Dockerization
- Git CI
- MySql/Postgresql
- MongoDB
- Redis as cache

PROJECTS

Employee Monitoring - React + Python

Scalable software for employee monitoring to enhance company productivity.

Vending Machine - Python(Flask)

IoT vending machine facilitates seamless transactions, averaging quarterly sales of 2 Lakhs.

CPOS Store Backup - Python + React

Optimized cloud backup storage with automation, minimizing costs of cloud storage.

EXTRACURRICULAR ACTIVITIES

Event Committee mamber - Ethics Infotech

Established and led the Event Committee, enhancing company culture and employee engagement.

Spot Award For Productivity

Recognized for exceptional productivity and for consistently pushing boundaries to exceed targets. Praised for proactive collaboration and initiative in improving team workflows.