

DHRUV MODI

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PROFESSIONAL EXPERIENCE

Associate Software Engineer - Ethics InfoTech LLP

Aug 2023 to 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.

Trannie 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.
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EDUCATIONAL BACKGROUND

BTech Computer Science

Mar 2023

- Parul University

Diploma in Computer Science

May 2020

- Parul Institute of Engineering & Technology (GTU)
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DEVELOPMENT SKILLS

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| • Python | • Rust | • Dockerization |
| • React and Redux | • RabbitMQ | • Git CI |
| • FastAPI | • REST APIs | • MySQL |
| • Flask | • GraphQL | • MongoDB |
| • Django | • WebSocket | • Redis as cache |
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PROJECTS

Employee Monitoring (SaaS) - React + Python

Scalable software for employee monitoring, utilized 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 while maintaining file availability and logs.

EXTRACURRICULAR ACTIVITIES

Event Committee mamber - Ethics Infotech

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

Spot Award For Productivity

- Won praise for demonstrating productivity by pushing boundaries