

ROMIL MONPARA

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Education

- **L.J. Institute of Engineering and Technology, Ahmedabad** **2023-2027**
B.E. Information Technology (Currently in Sem 7)
- **Sorath International School, Junagadh (Class XII)** **May-2023**

Skills

- **Programming Languages:** Python, Java, JavaScript
- **Web Development:** Django Rest Framework, Streamlit, Vue.js
- **Web Scraping & Automation:** Selenium, BeautifulSoup
- **Databases:** MongoDB, PostgreSQL, MySQL
- **AI & Machine Learning:** Pandas, Transformer models, Scikit, Keras
- **Other Skills:** Git, Vercel, Netlify, GitHub, VRP, Logistics and Supplychain Management

Experience

Software Developer Intern | Fero.AI [Dec 2025 – Present]

- Developed and maintained enterprise-grade ERP, Distribution Management System (DMS), Transport Management System (TMS), and Healthcare Logistics (Medicare) solutions using Python, Django, Django REST Framework, Vue.js, and PostgreSQL.
- Integrated an open-source Vehicle Routing Problem (VRP) optimization engine into the DMS and Medicare to automate intelligent trip planning by assigning orders to vehicles based on routing, capacity, and delivery constraints, improving delivery efficiency.
- Gained hands-on experience in logistics, supply chain, warehouse management, transportation, and business process automation by translating real-world operational workflows into scalable software solutions.

Projects

Enterprise Inventory, Order & Logistics Management System (Django + DRF + Vue.js) [Dec-2025]

- Developed a scalable Logistics & Inventory Management System using Python, Django, DRF, Vue.js, and SQLite to streamline warehouse operations, inventory allocation, order processing, and delivery management.
- Designed a modular full-stack architecture with RBAC, barcode-based inventory tracking, inventory reservation, transaction-safe APIs, reusable frontend components, and optimized REST APIs following Django best practices.
- Implemented Order Lifecycle, Trip, Driver & Vehicle Management, audit logging, bulk inventory/master data management, and advanced search, filtering, and pagination to support enterprise logistics workflows.

TalentCraft – AI Career Companion + Resume builder with Job matching (React + Django) [July-2025] [GitHub](#)

- TalentCraft is a full-stack web application designed to bridge the gap between job seekers and job opportunities through smart resume analysis and precise job matching. It provides users with actionable insights on improving resumes and prepares them for HR interviews using an integrated AI-powered chatbot.
- Designed personalized learning paths for trainees with hands-on projects, progress tracking, and resume-ready skill badges to close skill gaps and accelerate career growth.
- **Tech Stack:** React, Django, SQLite, Tailwind CSS, PyMuPDF, ReportLab

YouTube Transcript Summarizer [March-2025] [GitHub](#)

- Built a Streamlit based web app that extracts and summarizes Youtube transcripts using a transformer model. Integrated sentiment analysis to analyze the tone of the content.

Vehicle Rental System [Aug-2024] [GitHub](#)

- A Java-based application that automates vehicle rentals for admins and customers.
- Features include user registration, authentication, vehicle search, and rental transactions, backed by a MySQL database for efficient data management.

Stock Trading Suggestion System [Sep-2025] : [Try Here](#)

- Built and deployed a real-time Web App using **Python**, **Streamlit**, and **yfinance**, integrating SMA, RSI, and MACD indicators to generate actionable Buy/Sell/Hold signals with interactive Plotly visualizations and basic backtesting.

Certificates

- (1) Exploratory Data Analysis for Machine Learning by [IBM Coursera](#)
- (2) Building Generative AI-Powered Applications with Python [IBM Coursera](#)
- (2) Introduction to Java By Learn Quest [Coursera](#)
- (3) Deloitte Australia Data Analytics Job Simulation on Forage - July 2025 [Show Credentials](#)
- (4) Inheritance and Data Structure in Java by University of Pennsylvania [Coursera](#)
- (5) Introduction to HTML, CSS & JavaScript by [IBM Coursera](#)
- (6) Microsoft Fundamentals of Machine Learning [Show Credentials](#)
- (7) Microsoft Fundamental AI Concepts [Show Credentials](#)