

ROMIL MONPARA

romilmonpara4@gmail.com | 9979029064 | [LinkedIn](#) | [romil.dev](#) | Ahmedabad, India

PROFILE

B.E. Information Technology student (graduating 2027) and Software Developer with almost a year of hands-on experience shipping production ERP, DMS, TMS, and healthcare logistics systems on Python, Django REST Framework, and Vue.js. Integrated a Vehicle Routing Problem (VRP) optimization engine into live systems. Seeking a full-time Software Developer role in Ahmedabad.

SKILLS

Languages: Python, Java, JavaScript

Web Development: Django, Django REST Framework, Vue.js, Streamlit

Databases: PostgreSQL, MongoDB, MySQL

Automation & Scraping: Selenium, BeautifulSoup

Data & ML: Pandas, Scikit-learn, Keras, Transformer models

Tools & Domain: Git, GitHub, Vercel, Netlify, VRP, Logistics & Supply Chain Management

EXPERIENCE

Software Developer Intern — Fero.AI *Dec 2025 – Present*

- Integrated an open-source Vehicle Routing Problem (VRP) optimization engine into the DMS and Medicare platforms, automating intelligent trip planning by assigning orders to vehicles based on routing, capacity, and delivery constraints — improving delivery efficiency.
- 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.
- 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, SQLite — Dec 2025*

- Built a scalable Logistics & Inventory Management System streamlining 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, and optimized REST APIs following Django best practices.
- Implemented order lifecycle, trip/driver/vehicle management, audit logging, bulk data management, and advanced search & filtering for enterprise logistics workflows.

RAG-Based AI Chatbot using LLM *Python, FastAPI, React, ChromaDB, LangChain — Jul 2026*

- Developed a production-ready Retrieval-Augmented Generation (RAG) application enabling natural-language interaction with PDF, DOCX, TXT, and CSV documents using semantic search, vector embeddings, and LLMs.
- Designed a full-stack RAG pipeline (FastAPI, ChromaDB, LangChain) with a multi-provider LLM fallback across Google Gemini, Groq, and xAI Grok for reliable, high-availability inference.

TalentCraft — AI Career Companion & Resume Builder *React, Django, PyMuPDF, ReportLab — Jul 2025*

- Built a full-stack app bridging job seekers and opportunities through smart resume analysis, job matching, and an AI-powered interview-prep chatbot.
- Designed personalized learning paths with hands-on projects, progress tracking, and skill badges to close skill gaps.

EDUCATION

B.E. Information Technology — L.J. Institute of Engineering and Technology, Ahmedabad *2023 – 2027 (Currently Sem 7)*

Class XII — Sorath International School, Junagadh *May 2023*

CERTIFICATES

- Building Generative AI-Powered Applications with Python — IBM (Coursera)
- Exploratory Data Analysis for Machine Learning — IBM (Coursera)
- Deloitte Australia Data Analytics Job Simulation — Forage (Jul 2025)