

PRASHIK MANWAR

Akola, Maharashtra (444001)

☎ 93709-96729

✉ pnmanwar_b23@vjti.ac.in

📄 prashik-manwar-ba2143288/

🐙 [github./PrashikManwar123](https://github.com/PrashikManwar123)

Education

Veermata Jijabai Technological Institute

Jun 2023 – current

Bachelor of Technology in Electronics Engineering (CPI-8.3)

Mumbai

Mauli Junior College of Science

Sep. 2021 – May 2023

HSC board (Percentage-80.67)

Akola, Maharashtra

Podar International School

Sep. 2017 – May 2021

CBSE Board (Percentage-89)

Akola, Maharashtra

Experience/Internships

VJTI TBI

May 2025 – July 2025

IoT Intern

Mumbai, Maharashtra

- Gained experience with Arduino Uno R4 Wifi, various sensors and other components.
- Developed a Light Monitoring System with R4 and integrated with Node-RED for real-time visualization.

Projects

Multi-Lingual PDF Q&A System | Python, LangChain, ChromaDB, Llama 3.2

Aug 2025

- Built a PDF chat system using **RAG (Retrieval-Augmented Generation)** that allows users to query any PDF using natural language.
- Implemented hybrid text extraction (**PyMuPDF** + **Tesseract OCR**) to support both scanned and normal PDFs in multiple languages.
- Used **ChromaDB** vector store with **Ollama embeddings** and **Llama 3.2 LLM** for semantic retrieval and accurate answers.
- Deployed on **Google Colab** with **document chunking** and **multi-query retrieval** for improved response quality.

E-Commerce Sales Insight Dashboard | Power BI, Data Analytics

Nov 2025

- Designed an interactive dashboard using **Power BI** to analyze e-commerce performance using KPIs such as Total Sales, Profit, Quantity, and Average Order Value.
- Used **drill-down slicers** (Quarter, State) to enable dynamic exploration of trends.
- Visualized insights using **bar charts**, **donut charts**, **maps** and category-wise comparisons.
- Highlighted profitability by month and sub-category.

Sentiment Analysis of Stock Market Headlines | Python, Web Scraping, Sentiment Analysis

April 2024

- Built a Python-based **Sentiment Analysis system** that scrapes live financial headlines from **Finviz** using **BeautifulSoup**.
- Applied **VADER** to generate compound sentiment scores and aggregated them date-wise for multiple ticker symbols.
- Visualized average market sentiment over time using **Pandas** and **Matplotlib**, enabling trend-based insight into stock mood shifts.

PrevaMed - Healthcare Analytics | Python, Streamlit, ML, Web Development

May 2025

- Built a portal to predict **5 critical diseases** (diabetes, hypertension, asthma, CKD, cancer) using **ML**.
- Integrated **Streamlit dashboards**, **Power BI** for insights, and used **Papa Parse** for continuous data updation.

Leadership / Extracurricular

Hacksagon 2025

July 2025

Team Leader

IIITM, Gwalior

- Led a team to develop PrevaMed Healthcare Analytics platform.
- Allocated tasks based on team strengths, ensuring parallel development and timely delivery under 36-hours.
- Coordinated brainstorming sessions and feature prioritization.
- Represented team in final pitching round and handled Q&A on model performance and business impact.

Hobbies

- Skating, Football, Music