

PRASHIK MANWAR

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github./PrashikManwar123

Education

Veermata Jijabai Technological Institute	Jun 2023 – current
<i>Bachelor of Technology in Electronics Engineering (CPI-8.3)</i>	<i>Mumbai</i>
Mauli Junior College of Science	Sep. 2021 – May 2023
<i>HSC board (Percentage-80.67)</i>	<i>Akola, Maharashtra</i>

Podar International School	Sep. 2017 – May 2021
<i>CBSE Board (Percentage-89)</i>	<i>Akola, Maharashtra</i>

Experience/Internships

VJTI TBI	May 2025 – July 2025
<i>IoT Intern</i>	<i>Mumbai, Maharashtra</i>
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<i>Team Leader</i>	<i>IITM, Gwalior</i>
<ul style="list-style-type: none">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