

Vishal Waghmare

Recent Graduate — Data & Software Developer

📞 +91-8080178719 🌐 Portfolio 📧 Gmail 🔗 LinkedIn 🐙 GitHub

Education

University of Pune

Graduated August 2023

Bachelor of Engineering, Electronics & Telecommunication | **CGPA: 7.63/10**

Relevant Courseworks: Data Analysis, Cloud Computing, DBMS, Project Management

Skills

Programming Language: Python

Data Management: Data Warehousing, Data Modeling, ETL, EDA

Backend/Server: Flask, Django, API Integration, Google Cloud Platform

Data Visualization/Analytical Tools: Power BI

Database: MS-SQL Server

Software/IDE: Jupyter Notebook, Pycharm, Visual Studio

Machine Learning: Linear regression, Logistic regression, Decision trees, K-NN

Frontend/Client: HTML, CSS

Work Experience

Independent Project — Python Chatbot & Automation

Apr 2025 – July 2025

Hyderabad

- Built a chatbot using **Python** and **Rasa**, integrated third-party APIs, and added email alerts for workflow automation.
- Conducted **NLP R&D** to improve intent recognition and chatbot response accuracy.
- Built a **sentiment analysis model** (76% accuracy) and integrated it into a **Rasa chatbot** for emotion-aware conversations.

Eigenlytics Data Solution

Mar 2024 – May 2024

Software Engineer Intern — Mumbai, Maharashtra

- Analyzed customer review data to derive **sentiment** insights using Excel and **Power BI**, and created visualizations to present findings to stakeholders.
- Collaborated on developing browser automation tools using **Python** and **Flet**, improving user experience and product performance.
- Participated in code reviews and debugging sessions to ensure code quality and reliability.

Projects

Uber Insight Engine

May 2024 - Aug 2024

- Designed and implemented a data pipeline using **Google Cloud Storage** and **BigQuery** to analyze NYC TLC trip record data.
- Built interactive dashboards in **Power BI** and created **data marts** for actionable business insights and ETA predictions.
- Developed a test API for **predicting trip duration** using a Random Forest model and generating average speed values.

End-to-End Data Warehouse Project

Sept 2023 - Oct 2023

- Spearheaded the analysis of a Kaggle Brazilian E-Commerce dataset with over a million entries, unearthing crucial insights and patterns within relational tables.
- Successfully implemented star schema, **data marts**, and relational databases.
- Technologies: MS SQL, ML, Power BI, **ETL**, Python.