

MANTHAN JADAV

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A **Machine learning engineer** with proven success in building **successful algorithms** and **predictive models** for different industries. Highly adept at **clustering, classification & regression**, web scrapping, data analysis, and visualization. A thriving **analyst** with the ability to apply **ML techniques** and **algorithm development** to solve real world industry problems.

EXPERIENCE

Machine Learning Intern – Fxis Ai. | [Certificate](#)

January 2025 – May 2025

- Developed AI solutions including a **Face Recognition Smart System**, **Smart Disease Diagnosis System**, and **AI-based food service chatbot** using Python, OpenCV and Streamlit.
- Created a comprehensive **Face Recognition research report** that significantly simplified the development process and directly supported successful system deployment.
- Strengthened skills in **team communication, project planning, and technical reporting**, effectively coordinating tasks and contributing to timely project delivery.

Data Analytics Intern – Infolabz IT Services PVT. LTD. | [Certificate](#)

January 2025 – April 2025

- Engineered Python-based **ETL (Extract, Transform, Load)** pipelines to **automate** data ingestion from diverse API sources reducing manual data processing time.
- Applied advanced data cleaning and **data analysis** to delivered customizable dashboards using **Power BI**, leveraging **creativity** and **stakeholder communication** to provide actionable insights using **Streamlit**.

ACADEMIC PROJECTS

Smart Healthcare Hub | ML & DL | [GitHub Repository](#)

- I implemented a **multi-disease prediction** web app using Streamlit, integrating **5 ML models** to diagnose Diabetes, Heart Disease, Breast Cancer, Parkinson's, and Infectious/Skin Diseases.
- This tool provides **doctor-style recommendations** based on predictions and allows users to **download reports**. It combines data science, user interaction, and healthcare insights to assist with early detection and awareness in a user-friendly format.

Movies Recommendation System | Python, Streamlit & APIs | [GitHub Repository](#)

- I recently programmed a **content-based movie recommendation engine** using cosine similarity metrics and precomputed embeddings to suggest top relevant movies based on user input.
- This ML engine deployed on **Streamlit web application** which integrated with the TMDB API to dynamically fetch and display movie poster. This project also showcasing end-to-end skills in **ML model deployment, API consumption**, and **real-time recommendation systems**.

AI based Food Service Chatbot | NLP , FastAPI & Dialogflow | [GitHub Repository](#)

- I built an **NLP-powered chatbot** using **Dialogflow** to automate customer order handling and deliver real-time conversational responses which reducing manual interventions by over 90%.
- This chatbot analyzed **user interaction data & customer engagement metrics** to optimize chatbot flows & responsiveness, boosting order **completion rates by 30%** & enhancing user satisfaction while **reducing support interventions**.

SKILLS

- **Programming Languages:** Python, SQL.
- **Technologies / Frameworks:** ML, DL, NLP, NumPy, Pandas, ETL, GitHub , Dialogflow, FastAPI, MySQL.
- **Analytics Tools:** Power BI, Streamlit, Microsoft Excel, Power Query.

EDUCATION

Bachelor of Engineering (Computer Science)

Gujarat Technological University

Oct 2021 – May 2025

CGPA 8.18 /10

CERTIFICATIONS

- Accenture North America : Data Analytics and Visualization – [View Credentials](#)
- Tata GenAI Powered Data Analytics Job Simulation – [View Credentials](#)
- Make an Impact with Data Analytics by IBM – [View Credentials](#)
- Python for Data Science Course on NPTEL – [View Credentials](#)