

Saad Ansari

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Summary

I am currently pursuing an MSc in Artificial Intelligence and Machine Learning at the Department of Computer Science, Gujarat University. Through my academic coursework and personal initiatives, I have developed a strong foundation in building AI models and gained hands-on experience across various domains. I am passionate about the practical application of machine learning and actively seek to refine my skills through diverse, project-based learning.

Technical Skills

AI/ML: NLP, Deep Learning, RL, Scikit-learn, Pandas, NumPy, OpenCV, Matplotlib

Tools: Firebase, GitHub, VS Code, MySQL, Android Studio

Programming Languages: Python, C, C++, C#, Java, PHP, React-Native

Education

Master Of Science – Artificial Intelligence & Machine Learning

Department Of Computer Science – Gujarat University

Ahmedabad, Gujarat, India

2024 – 2026

Bachelor Of Science (IT) – Software Development

Department Of Animation (Web and Mobile) – Gujarat University

Ahmedabad, Gujarat, India

2021 – 2024

Latest Projects

CricPredict (IPL Analytics Platform)

Python, FastAPI, HTML/Tailwind, XGBoost, NLP, FAISS, Google Gemini API

- Developed a **full-stack AI-powered web application** for IPL match prediction and advanced cricket analytics.
- Trained **XGBoost classification and regression models** to predict win probability and final match score using historical IPL data (2008–2025).
- Designed a **Retrieval-Augmented Generation (RAG)** system combining Google Gemini API with **FAISS vector database** for fast semantic search.
- Built REST APIs using **FastAPI** for model inference, data retrieval, and chatbot interaction.
- Designed a **responsive and interactive UI** using HTML and Tailwind CSS for real-time analytics visualization.

Raahi Dost (Travel Recommendation System)

Python, React Native, Pandas, Firebase Authentication

- Developed a **mobile-based travel recommendation application** that suggests destinations based on user budget, preferences, and current location.
- Implemented **budget-aware recommendation logic** by combining travel distance, estimated cost, and user-selected constraints.
- Used the **Haversine formula** to accurately calculate distances between user location and destinations for cost estimation.
- Built a clean and intuitive **React Native UI** optimized for smooth user experience.

Pluto (Student Assistant Chatbot)

Python, Kivy, Firebase, Custom NLP Algorithms

- Developed an AI chatbot to assist students with **academic queries in real time**.
- Implemented **custom NLP techniques** including fuzzy matching, spell correction, and intent detection.
- Designed multi-step conversational flow using custom state management.

Talk More (Chatting Application)

Java, XML, Android Studio, Firebase Authentication, Firebase Database

- Developed a real-time messaging app using Java and Firebase, enabling users to register, log in, and exchange messages instantly.
- Implemented Firebase Authentication for secure login and Firebase Realtime Database for storing and retrieving chat data.

VidZen (Short Video Application)

Java, XML, Android Studio, Firebase Database

- Developed an Android app for discovering and sharing short videos, with real-time data handling using Firebase.
- Focused on smooth user experience and responsive UI.

Expensify (Trip Expense Manage App)

React-Native, Firebase Database, TypeScript, CSS

- Built a React Native app to track and summarize trip expenses.
- Used Firebase for secure data storage and TypeScript for scalable, maintainable code.

Certifications

- Google Cloud - Introduction to Generative AI >> [Certificate of Completion](#)
- IBM - Introduction to Artificial Intelligence
- Python Programmer >> [Certificate of Completion](#)
- Blossom Institute - Communication Skill Training