

# 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 web application for real-time IPL match analysis, utilizing XGBoost for win probability and score regression models. • Implemented a Retrieval-Augmented Generation (RAG) system using Google Gemini and FAISS vector database, enabling users to query 15+ years of cricket statistics via a conversational chatbot interface.

### Raahi Dost (Travel Recommendation System)

*Python, React Native, Pandas, Firebase Authentication*

- Built a travel app recommending destinations based on budget, geolocation, and user preferences. Implemented the Haversine formula for distance-based cost estimation and integrated Firebase for secure user authentication.

### Pluto (Student Assistant Chatbot)

*Python, Kivy, Firebase, Custom NLP Algorithms*

- Developed a smart AI chatbot to assist students with academic queries in real-time. Built custom NLP features such as fuzzy matching, spell correction, and intent detection. Managed multi-step conversations with custom state management for handling incomplete or progressive queries.

## **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**

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- Google Cloud - Introduction to Generative AI
- IBM - Introduction to Artificial Intelligence
- Blossom Institute - Communication Skill Training
- Sultan Ahmed Computer Center - Computer Embroidery Design

## **Languages**

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- English
- Hindi
- Gujarati

## **Beyond Academics**

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- Swimming - I enjoy swimming regularly to stay active and build focus.
- Playing Chess - I like playing chess in my free time, it helps me improve concentration, patience, and decision-making.
- Drawing - I enjoy drawing as a creative outlet.
- Know About History - I have a deep interest in reading history.