# Ansh Shah

+91 6354225995 | ansh4843@gmail.com | Surat, Gujarat

## Summary

Pursuing *B.Tech in Artificial Intelligence and Machine Learning,* minor in *FinTech*

*Dynamic data science/AI/ML student passionate about uncovering insights and driving impactful solutions through innovative problem-solving. Thrives on challenging conventional wisdom, embracing fresh perspectives, and collaborating in diverse environments. .*

## Experience

**IvyGrowth | Surat, Gujarat**
**Event Volunteer | 06/2023 - 06/2023**
- Coordinated **logistics and communications** for seamless interaction between panellists and moderators
- Address any issues that arise and ensure smooth proceedings.

**Project Manas | Manipal, Karnataka**
**Taskphase Member - Machine Learning | 12/2022 - 04/2023**
- Explored **foundational concepts** of machine learning within the context of **autonomous vehicles.**
- Collaborated with peers to explore advanced topics in deep learning, such as convolutional neural networks (**CNNs**) and recurrent neural networks (**RNNs**)
- Analysed and engineered data to improve model efficacy

## Awards

1st Place - Cisco Forecast League, 1st Place - BITS Quark 2024, Search and Rescue

## Education

**Manipal Institute of Technology | Manipal, Karnataka**
**Bachelor of Technology | 07/2025**
- Merit Scholarship recipient

## Projects

**Real-Time** ISL Recognition (Deep Learning, MediaPipe, RNN)

- **Gesture recognition** using MediaPipe and **OpenCV** in Python, obtaining 97.7% accuracy
- **Action Recognition** using LSTM, allowing for moving hand gestures

CISCO Sales Prediction (Excel, Machine Learning, Time Series Analysis

- Product **sales prediction** time series analysis using Power BI, achieving **82.2% accuracy**
- Deriving **Business Insights** using Excel, Pandas, and Machine Learning and presenting them to CISCO Leaders

Yellow Taxi Dataset analysis (Python, Scikit Learn, Matplotlib)

- Analysis of accuracies for **taxi fare prediction** using different ML models

University **Student LifeCycle Management** (Python, SQL)

- Relational Database project highlighting skills in **ER models, SQL connectivity with Python**, basics of web dev using **Django**

Games
- **Multiplayer CLI Othello** with MySQL Leaderboard (Python, MySQL)
- GUI Rock Paper Scissor (Python, PyGame)