

# MANSHI SINGHI

## CONTACT

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Location: Vadodara, India

## TECHNICAL SKILLS

- **Programming Languages:** Python
- **Web Development:** HTML, CSS, JavaScript
- **Mobile Development:** Android Studio
- **Database Management:** MySQL, MongoDB
- **Data Science & Analysis:** Pandas, NumPy, Matplotlib, Seaborn
- **Machine Learning:** Scikit-learn (Regression, Classification)
- **Data Processing:** Data Cleaning, Feature Engineering
- **Mathematics & Statistics:** Probability, Linear Algebra, Statistics

## SOFT SKILLS

- Public Speaking
- Collaboration and Teamwork
- Quick learner and adaptable to new technologies
- Creativity & Problem-Solving
- Microsoft Office Suite

## EDUCATION

### **B. Tech in Computer Science**

**Navrchana University** 9.25

2021- 2025

### **Higher Secondary Schooling**

**Delhi Public School** 93.5%

2019 - 2021

## CERTIFICATION

- Advanced Course on Emerging Technologies By SAP
- AWS Academy Machine Learning for Natural Language Processing
- AWS Academy Machine Learning Foundations
- Data Visualization By Kaggle
- Blockchain Basics By Great Learning

## PROFILE

As a motivated Final Year CSE student, I have built a solid foundation in **Statistics, Programming** and **Machine Learning**. With proven records, I'm enthusiastic about applying my knowledge on **Data Analysis Techniques** and **Predictive Modeling Strategies** to support decision making and solve realistic problems. With a mindset focused on daily learning, I am continually improving myself and seeking collaborative, mutually beneficial endeavors.

## WORK EXPERIENCE

### **Freelanced as Mobile App Developer**

Shanti Refrigeration

Dec'23 - Sept'24

- Developed and maintained Android applications.
- Tailored solution using **EfficientNetB0** and **TensorFlow Lite** enabling users to capture images of Circuit Boards (PCB) & retrieve its product codes with **> 90% accuracy**.

## KEY PROJECTS

### **Flexifit app - WIP**

Aug'24 - Present

- Devised the idea from scratch.
- Created interactive AR models using **Unity Engine** to demonstrate tutorial workouts.
- Leveraged **Mediapipe** to enable advanced body tracking in **real time** and prompting feedback for pose correction.

### **IPL Winner Prediction**

Feb'24 - Apr'24

- Utilized **Random Forest** to predict outcome of IPL matches with tailored dataset.
- Focused attributes were historical match data, team statistics, and stadium conditions.

### **Electra - the voting web**

Aug'23 - Jun'24

- Developed an online voting system leveraging **Blockchain** technology and **MERN (MongoDB, Express.js, React, Node.js) stack**.
- Ensured system is transparent , secure and efficient.

### **Plannify App**

Jul'23 - Dec'23

- Developed application to remember memorable dates for the user.
- It suggests date planning, gifting ideas using nearby locations and user's budget.
- User can also create photographic timeline.

### **Vr Basketball Game**

Sep'24 - Oct'24

- Developed a VR basketball game with realistic ball picking, aiming, and shooting mechanics using **Unity Engine**.
- Integrated grab interactors and velocity tracking for intuitive gameplay.