

# NEEL SHETH

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Ahmedabad, India

LinkedIn

GitHub

My Website

## PROJECTS

### Stock Market DashBoard using streamlit | [Link](#)

- A web-based dashboard that helps to Analyse the historical data of any stocks. And Enhanced user experience for financial analysis and decision-making.
- Technology: Python, Pandas, Plotly, Streamlit

### Amazon Review Sentiment Analyzer | [Link](#)

- Created an NLP-based sentiment analysis tool for Amazon product reviews Implemented Random Forest algorithm for classification, achieving 91% accuracy Utilized Pandas for efficient data manipulation and Plotly for insightful visualizations
- Technology: Python, Scikit-Learn, NLP, Streamlit, BeautifulSoup

### Student Internship and Placement Record System | [Link](#)

- Designed and built a comprehensive web platform for Student Placement Coordinators, implementing CRUD operations and data management using MongoDB. Developed analytics features for tracking placement statuses and generating automatic placement reports
- Technology: Python, Pandas, Plotly, Streamlit, MongoDB

### Personal Voice Assistant | [Link](#)

- This project automates tasks via voice commands, including tab control, app management, system operations, Google searches, image generation, news reading, media playback, email sending, and note-taking, enhancing user productivity.
- Technology: Python, Html, CSS, Javascript, Gemini API, Hugging Face

## TECHNICAL SKILLS

- Programming:**
  - C, C++,Python (Opencv, sklearn, pandas, numpy, streamlit, FastAPI)
  - SQL (Intermediate), Shell Scripting, Git, Perl, WebScraping
- Data Visualization:**
  - MS Excel, Plotly, Matplotlib, Seaborn , PowerBI, Tableau
- Machine Learning Modelling:**
  - Linear Regression, Logistic Regression, Decision Tree, Kmean Clustering, KNN, RandomForest
- Databases:**
  - PostgreSQL, MySQL, MongoDB, Firebase

DSA

OOP

DBMS

## TOOLS AND SOFTWARE

VSCode

Linux (Intermediate)

GitHub

Jupyter Lab

Google Colab

## ACHIVEMENTS

- Selected as a semifinalist in the Indian Automation Challenge
- 2nd Runner-up in the DAS INFOMEDIA Track at the CSI Hackathon

## EXPERIENCE

### Nirma Funded - Multibot Coordinate System Project

March 2023 - August 2023

- Collaborated with the Computer Vision team to develop a program that detects cars and fetches real-time data from a robotic car, sending it to an ESP32 microcontroller using the MQTT protocol.

### Student Placement Coordinator

February 2024 - Present

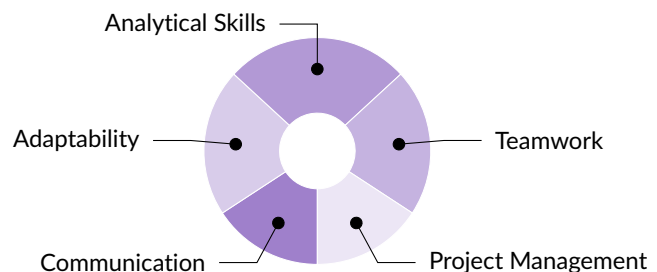
- Assisted students with internship and placement inquiries and acted as a liaison with the Industry Institute Interaction (III) Cell.

### Data Analyst Intern at Hyperlab

May 2024 - Present

- Analyzed IMU sensor data to calculate athletic performance metrics (reflex time, fatigue levels, overshoot) with advanced processing and mathematics, improving accuracy by 30%.
- Developed Python algorithms for reflex, overshoot, and BLE connectivity, enhancing performance tracking by 70%. Created visualizations with Python libraries (Pandas, NumPy, Matplotlib, Plotly) and BI tools (Power BI, Tableau), and designed a Streamlit dashboard that increased stakeholder engagement by 50%.

## SOFT SKILLS



## EDUCATION

### B.Tech in Electronics and Communication Engineering

Nirma University, Ahmedabad

September 2021 - June 2025

- CGPA: 7.97