

PRAJAPATI JAYESH R.

PROFESSIONAL SUMMARY

Engineering student with strong foundations in data analytics and software development. Skilled in Python, Pandas, NumPy, SQL, and data visualization, with hands-on experience building analytical pipelines and working on real-world time-series forecasting projects. Able to design modular solutions, automate analysis workflows, and integrate insights into functional applications. Seeking a Data Analytics Intern role to apply quantitative, technical, and problem-solving skills to meaningful business challenges.

TECHNICAL SKILLS & ABILITIES

Data Analytics: Python, Pandas, NumPy, Matplotlib, Seaborn, Excel

Databases: SQL, MySQL

Software Development: Python, Java, C/C++

Tools: Jupyter Notebook, Git, VS Code, Android Studio

Core Competencies: Data Cleaning, Exploratory Data Analysis, Time-Series Forecasting, Statistical Analysis, Reporting & Visualization, API Handling, Modular Development

PROJECT

TSLA Stock Time-Series Forecasting – Data Analytics Project EXPERIENCE

Tech Stack: Python, Pandas, NumPy, Matplotlib

- Performed full data preprocessing, cleaning, and feature extraction on real TSLA stock datasets.
- Conducted exploratory data analysis (EDA) to identify patterns, seasonality, and anomaly behaviors.
- Built forecasting models and evaluated performance metrics to understand market trend movement.
- Designed visual reporting outputs to communicate insights clearly.

Local Network Chat Application (Prototype for Cross-Platform)

Tech Stack: Python, Sockets, Local Database

- Built a LAN/Wi-Fi chat system using socket programming for fast device-to-device messaging.
- Implemented message storage using a lightweight local database for offline persistence.
- Designed modular architecture for extending future features such as background services and secure communication.

Modular App Development Prototype (Cluster Ecosystem Concept) Tech Stack: Python, Java, Local Storage

- Designed early modular structures for multi-component applications.
- Focused on local-device storage, interoperability, and system-level efficiency.
- Configured clean UI interactions and ensured cross-module compatibility during testing.
This is the place for a brief summary of your key responsibilities and most stellar accomplishments.

EDUCATION

COMPUTER ENGINEERING

Bachelor of Technology (B.Tech)

Sigma Institute of Technology, Vadodara

Expected Graduation: 2026

RELEVANT COURSEWORK

Data Structures & Algorithms, Database Management Systems, Operating Systems, Computer Networks, Statistics for Data Science, Python Programming, Machine Learning Basics, Data Visualization

TECHNICAL STRENGTHS

- Strong analytical reasoning and ability to break down complex datasets.
- Solid understanding of Python libraries such as Pandas, NumPy, and Matplotlib.
- Hands-on experience with data cleaning, EDA, and time-series trend analysis.
- Ability to document workflows and interpret insights clearly.

SELF-LEARNING & DEVELOPMENT

- Independently studied Python for data analytics through online platforms and documentation.
- Regularly practice EDA, data cleaning, and visualization on real datasets.
- Continuously improving software development and data analysis skills through personal projects.

ADDITIONAL DETAILS

Languages: English, Hindi

Interests: Data Analytics, System Architecture, Machine Learning, Product Design

Soft Skills/Professional Skills: analytical thinking, Problem solving, team collaboration, communication, Time management, Documentation skills