

# SATYA SAGAR NAGESH

Data Analyst

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## EDUCATION

### Vellore Institute of Technology

Vellore Institute of Technology, Bhopal - **CGPA - 8.1**

**Oct 2022 – Ongoing**

Madhya Pradesh, India

### Sainik School Bhubaneswar

12th Standard - **Percentage - 76%**

**2022**

Odisha, India

### Sainik School Bhubaneswar

10th Standard - **Percentage - 84%**

**2020**

Odisha, India

## PROJECTS

### VITB Hostel Market | Python, HTML, CSS, SQL

**Nov 2025**

- Engineered a Django base web marketplace enabling hostel students to efficiently buy and sell 50+ items, fostering a localized community exchange.
- Implemented comprehensive CRUD functionality for item listings, secured by robust user authentication and authorization, streamlining transaction processes reducing posting errors by 30%.
- Integrated image upload capabilities and ensured accurate timezone localization (IST) for all listings, enhancing user experience and data integrity by 25%.

### Market Campaign Analysis | Microsoft Excel

**Dec 2025**

- Conducted exploratory data analysis (EDA) on 1,00,000 marketing campaign data using Microsoft Excel, performing data cleaning, preprocessing, and missing value imputation with Pivot Tables and XLOOKUP to ensure high data integrity.
- Analyzed customer demographics, purchasing behavior, and campaign performance to identify key drivers influencing sales, evaluate campaign effectiveness, and support data-driven decision-making.
- Built interactive Excel dashboards with KPIs, Pivot Charts, and visual analytics to present customer segmentation, product performance, and channel insights, enabling actionable business recommendations.

### Daily Motivation Generator | Python, Flask, Google Gemini API, HTML, CSS

**Dec 2025**

- Designed and deployed a mood-aware web application utilizing the Google Gemini API to generate personalized affirmations.
- Implemented Flask-based backend infrastructure to process daily API requests from Google Gemini, ensuring high uptime and seamless delivery of tailored motivational content.
- Crafted an intuitive web interface that simplifies user interaction, providing instant encouragement and enhancing the overall user experience and increasing user session duration by 20%.

## Technical Skills

- Core Skills:** Python, SQL, Excel
- Cloud Basics:** AWS, Azure
- Soft Skills:** Analytical Thinking, Problem Solving, Communication

## ACHIEVEMENTS

- Industry Conclave 2024:** Secured a finalist position among over 50 competing teams for developing an integrated platform for medical services, featuring a medical chatbot and AI-powered disease prediction from symptoms.
- Social Media Lead, EDU4U Club:** Core team member of EDU4U Club: Oversaw the financial operations for the EDU4U club, planning and managing the entire budget to support club events and ensure smooth, transparent execution across all teams.

## EXTRACURRICULAR

- NCC Cadet (2015-2022):** Trained in Arms & Ammunition, Map Reading, Drills, First Aid.
- Brown Belt holder in Karate.
- Languages:** English, Hindi, Odia & Russian