

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

SQL (SQL Server, MySQL, PostgreSQL)

Excel (V Lookup, Conditional Formatting, Pivot Tables))

Python, Tableau, Microsoft Fabric)

EXTRACURRICULAR

Spoken Languages: Hindi, English, Odia, Russian

Interests: Gardening, Tree Planting, Gaming

NCC Cadet (2015-2022): Trained in Arms & Ammunition, Map Reading, Drills, First Aid.)