Sagar Maurya

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CSE undergraduate with a foundation in Python, JavaScript and React.js, hands-on exposure to product design through E-Cell, IIT Guwahati. Ranked 7th at AZeotropy'26, Optimiser challenge, IIT Bombay.

EXPERIENCE

Data Analyst Trainee (Internship) Jun 2026 – Jul 2026

NIELIT, Lucknow (Online)

- Completed a 90-hour Data Analyst Trainee internship covering Advanced Excel, SQL, Python, and Power BI.
- Ran exploratory data analysis on a Spotify user churn dataset in Python/Pandas – cleaning data, handling file I/O, and generating charts to report churn patterns.
- Practiced dashboard development and business reporting as part of the program's practical, industry-oriented assignments.

PROJECTS

Parchi | *Python, Flask, Ollama, Gemma 4* | *GitHub* 2026

- Built an offline-first Flask app that converts WhatsApp order messages into structured order sheets and prep lists.
- Designed a hybrid pipeline where local Gemma extracts fields and Python handles all pricing and totals, preventing hallucinated numbers.
- Added validation that flags missing quantities, unknown items, and ambiguous dates for manual review instead of guessing.

Student Marks Analysis Dashboard | *Python, pandas, matplotlib, Streamlit* | *GitHub* | *Dev.to* 2026

- Built an interactive dashboard to process student marks datasets, calculating totals, averages, and pass/fail status per student.
- Used pandas apply() and lambda functions for data transformation, and visualized performance trends with matplotlib.
- Deployed the app to Streamlit Community Cloud for public access and documented the full data-to-web pipeline in a public Dev.to article.

FinGuide AI | *User Research, UX Design* 2026

- Worked on an intelligent financial guidance product during the E-Cell, IIT Guwahati Design Summer Project 2026.
- Practiced user research to surface pain points in personal finance, converting insights into UX directions for transparent, human-centered experiences where AI feels clear and trustworthy.

SKILLS

Programming Languages: Python, JavaScript, HTML, CSS

Frameworks & Libraries: React, pandas, matplotlib, scikit-learn

Databases: SQL (MySQL)

Design Exposure: User Research, UX Design

Tools & Platforms: Git, GitHub, VS Code, Streamlit

CERTIFICATIONS

- Python Skill Up – GeeksforGeeks × Nation SkillUp, 2025
- Web Development – Internshala, 2024

EDUCATION

B.Tech – Computer Science & Engineering 2023 – 2027

Institute of Technology and Management, GIDA, Gorakhpur, Uttar Pradesh

ACHIEVEMENTS

- Rank 7 (Top 10) @ AZeotropy'26, IIT Bombay — Built a quadratic surrogate model in Python (scikit-learn, SciPy) that converged to the global optimum in 14 of 20 simulator queries, earning the query-efficiency bonus.
- Top Learner — Google Cloud × Hack2skill Gen AI Academy 2025; received Google Cloud branded kit as appreciation.