Aditi Anil Pulikottil

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Education

Indian Institute of Engineering Science and Technology, Shibpur	CGPA 9.19/10
Bachelor of Technology in Information Technology	*August 2024 – Present*
Kendriya Vidyalaya No.1 Salt Lake, Kolkata	94.2%
12th grade, CBSE	*2023-2024*
Kendriya Vidyalaya No.1 Salt Lake, Kolkata	93.6%
10th grade, CBSE	*2021-2022*

Projects

Procure Smart | *Python, Flask, SQLite,Bootstrap, JavaScript*   ⌂ [GitHub](#)   🌐 [Website](#)

- Developed a **Flask** web application with user authentication, **session management** and database integration. implementing an **interactive dashboard** for product comparison, which generates custom weighted plots (5 parameters), single and dual axis plots (equal weights).
- Built data extraction algorithms using **Pandas** to automatically detect valid parameters, labels, and corresponding numerical data from uploaded Excel and CSV files.
- Validated the model on Amazon product datasets **1500 samples** and visualized insights using **Plotly** and **Matplotlib** increasing procurement **efficiency by 70%.**

Portfolio Website | *HTML, CSS, JavaScript*   ⌂ [GitHub](#)   🌐 [Website](#)

- Built a fully responsive layout using native CSS techniques like **Flexbox** and **Media Queries**.
- Implemented **interactive visual effects** and JavaScript animations.
- Developed a multi-page site with an interactive resume section.

Technical Skills

Languages and Frameworks: Python, C, C++, Git
Key Skills: Data Structures and Algorithms, HTML, CSS, JavaScript, Flask, MySQL, Bootstrap

Achievements

Winter of Open Source - GDG on Campus

- **Secured 6th Position:** Contributed algorithms for competitive programming in C++, Python and Java

Competitive Programming

- 2 Star coder at [CodeChef](#) with a peak rating of **1461**

- Newbie at [CodeForces](#) with a peak rating of **1154**

- Achieved a peak rating of **1606** on [LeetCode](#)

Smart India Hackathon

- **Won the internal hackathon :** Proposed an AI-Based Timetable Generation System focusing on automated, conflict-free scheduling, balanced faculty workload, and NEP 2020 compliance.