Aditya Kumar Sah

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EDUCATION

Techno Main Salt Lake | *Bachelor of Technology*   *Kolkata, WB* | **07/2024 – 06/2028**

- **Computer Science and Engineering** *in Artificial Intelligence and Machine Learning*
- **Cumulative GPA**: 8.02 | **Major GPA**: 8.88
- Core Member of Code Nexus

St. Paul's Mission School   *Kolkata, WB* | **04/2010 – 05/2023**

- **ISC** (2023): 97.1% | **ICSE** (2021): 94.5%
- Awarded by The Association of Heads of Anglo-Indian Schools in India, West Bengal Branch (AHAISI) for securing **First Position in School** for the year 2023

Additional Courses

- Relevant Coursework: **Data Structures & Algorithms**, Advanced Python, Data Science

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SKILLS   *My Portfolio*

- **Programming Languages:**   Python, Java, C++, C, JavaScript (Basics)
- **Tools & Technologies:**   NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Anaconda, Jupyter, Git, MySQL, MongoDB (Basics), Arduino
- **Soft Skills:**   Team Leadership, Community Building, Public Speaking

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ACADEMIC PROJECTS   *My GitHub*

Attendance System with Excel Backend (GUI)

- Tkinter-based GUI with real-time Excel updating
- Emphasis on clean UX and efficient data handling

Line-Following Robot

- Built with Arduino Nano, TB6612FNG, IR array
- PID tuning via Bluetooth (HC-05), live debug via serial

Portfolio Website

- Fully responsive, vibe-coded using HTML, CSS & animations
- Emphasizes minimalistic design + personal branding

Mini Tools Suite (Notepad, BMI Calculator, API Integrator, YouTube Manager, Unit Converter)

- Designed with Tkinter/Python
- Demonstrates frontend logic and user experience focus

INTERESTS

- *Photography*   • *Chess*   • *Video Editing*   • *Designing*   • Sketching