

ARITRA PAIN

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PROFILE SUMMARY

Results-driven **B.Tech CSE graduate** (CGPA 8.74) with strong expertise in **JavaScript, C++, and** basic knowledge in **Python**, and **MERN stack development**. Skilled in **React.js**, backend APIs, and **IoT-based systems** with real-time data processing. Fundamental knowledge of **Artificial Intelligence (AI)**, **Machine Learning (ML)**, and **Data Science workflows**. Proficient in **System Design** and committed to continuous improvement through **regular Data Structures & Algorithms (DSA) practice**. Experienced in building **scalable, responsive, and data-driven applications** from concept to deployment.

EDUCATION

B.Tech – Computer Science & Engineering | MAKAUT (Techno India Banipur) | 2021–2025
CGPA: 8.74 | **Class X:** 87.5% | **Class XII:** 92.2%

SKILLS

Languages: JavaScript, C++, Python, C

Web Development: React.js, Node.js, Express.js, MongoDB, HTML, CSS, Tailwind CSS, REST APIs

IoT & Backend: Flask, Raspberry Pi Pico W, SQLite

Tools: Git, GitHub, Netlify, Tableau, Power BI

Core Competencies: DSA, System Design, DBMS, CN, OOP

EXPERIENCE

Data Science Intern – Unified Mentor Pvt Ltd (3 months)

- Worked on data analysis and visualization projects.
- Applied Python libraries for data cleaning, EDA, and predictive modeling.

[Link](#)

PROJECTS

Smart Agriculture System for Organic Farming (IoT) – [GitHub](#)

- Monitored soil moisture, pH, temperature, and light for precision farming.
- Built with Python, Flask, and IoT sensors for real-time data tracking.

DevFinder – GitHub User Search App – [GitHub](#)

- React-based app to search and visualize GitHub profiles using GitHub API.
- Implemented dark/light mode, responsive design, and API error handling. **IoT**

Monitoring Project – [GitHub](#)

- Real-time IoT data collection and visualization.

CERTIFICATIONS

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