SOUMYAJEET MONDAL
Web Developer

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👤 About Me

Detail-focused BCA student passionate about crafting efficient web solutions and solving real-world problems through code. Driven to build scalable, user-centric applications while continually exploring modern technologies and actively collaborating within tech communities.

🎓 Education

Bachelor of Computer Applications (BCA)   08/2024 – Present

Techno Main Salt Lake - Maulana Abul Kalam Azad University of Technology   Kolkata, India

Relevant Coursework: Data Structures, Web Development, DBMS, Computer Architecture

Higher Secondary Education - Science, Rampurhat High School (H.S.)   2022 – 2024

Science stream with focus on PCM & Computer Science (WBCHSE 2024)   Rampurhat, Birbhum

Secondary School Examination, Tarapith Taratirthya Vidyamandir (H.S.)   2022

Completed WBBSE Secondary Examination with Grade A (2022)   Rampurhat, Birbhum

🧠 Skills

Programming & Development

- **Python**
- **C Programming**
- **JavaScript**
- **HTML,CSS**
- **DBMS/SQL**

Tools & Platforms

- **VS Code**
- **GitHub**
- **Chrome DevTools**
- **Figma (UI/UX wireframing)**

Other Skills

- **Analytical Thinking**
- **Leadership & Team Coordination**
- **Adaptability in Learning New Technologies**

Projects

Smart Community Health Early Warning System

Smart India Hackathon (SIH) — Team Leader

- Led the design and development of a digital platform aimed at early detection and prevention of water-borne diseases in rural communities.
- Built features such as real-time case reporting, symptom-based risk assessment, and village-level risk dashboards for monitoring outbreaks.
- Integrated automated alerts, health awareness resources (food safety & ORS guidance), and a bilingual interface (English & Assamese) to improve accessibility.
- **Technologies:** Google Sheets, Google Apps Script, Twilio/Exotel, HTML, CSS, JavaScript.

Ace My Study — Intelligent Offline Study Planner

- Built a responsive study planner web application that helps users organize subjects, track study progress, and generate personalized study plans.
- Designed features such as focus score tracking, day streaks, completion rate analytics, and weekly goal insights to motivate consistent learning.
- Implemented fully offline functionality using browser LocalStorage for privacy-first data persistence and fast performance.
- Integrated smart plan generation and progress visualization to support effective study routines.
- **Tech Stack:** HTML, CSS, JavaScript, LocalStorag

Atmos Weather App — Real–Time Weather Dashboard

- Developed a responsive weather web app that fetches live API data to display current conditions and a 5-day forecast. Built an interactive search-based UI for city-wise weather details and optimized it for seamless use across desktop and mobile.
- **Tech Stack:** HTML, CSS, JavaScript, Weather API (Fetch).

Organisations & Leadership Experience

GDG On-Campus TMSL (Google Developer Group Community),

Management Team Member

- Active member of the GDG On-Campus community at Techno Main Salt Lake (Google Developer Group)
- Collaborate in organizing technical events, workshops, and knowledge-sharing sessions for students.
- Contribute to building an engaging developer community that promotes learning, innovation, and peer collaboration.

Languages

Bengali – Native   **English –** Fluent   **Hindi –** Conversational