

## Sarnab Bhattacharjee

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### Professional Summary

A highly motivated and self-taught Full-Stack Developer and UX/UI Designer with a passion for building intuitive and dynamic digital experiences. Possessing a strong foundation in modern web technologies, including JavaScript (ES6+), Node.js, and advanced CSS, combined with a keen eye for user-centric design principles demonstrated through comprehensive project work. Eager to secure a tech internship to apply my skills to real-world challenges and contribute to a forward-thinking team.

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### Skills

- **UX/UI Design:** Figma, User Research, Wireframing, Prototyping, Usability Testing, Visual Design
  - **Frontend:** HTML5, CSS3, JavaScript (ES6+), Tailwind CSS, GSAP, Responsive Design
  - **Backend:** Node.js, Express.js, RESTful API Development
  - **Tools & Environment:** Git, GitHub, npm, dotenv, API Integration (Google Gemini, OpenWeatherMap)
  - **E-commerce Logic:** Shopping Cart Systems, Product Catalogs, Stock Management Display
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### Projects

#### AURAA - AI Chatbot

*An intelligent, conversational AI companion featuring a sophisticated "glass morphism" UI and real-time responses powered by Google's Gemini API.*

- Designed and developed a premium, responsive UI with advanced custom animations and dark/light theme support.
- Engineered a Node.js backend with an Express.js server to securely handle API requests between the frontend and the Gemini API.
- Integrated Google's Gemini API to enable complex, real-time conversational capabilities.
- **Technologies:** HTML5, CSS3, JavaScript, Node.js, Express.js, Google Gemini API, Render

#### SolaraPicks - E-commerce Website

*A stylish, single-page e-commerce website for a modern clothing brand, featuring advanced animations and a complete shopping cart experience.*

- Engineered a complete frontend e-commerce experience, including a product grid, quick view modals, and a simulated checkout process.
- Implemented a fully functional shopping cart with features to add, update, remove items, and calculate subtotals.

- Leveraged the GSAP library to create high-performance, scroll-triggered, and interactive animations for an engaging user experience.
- **Technologies:** HTML5, Tailwind CSS, CSS3, JavaScript (ES6+), GSAP

## Weatherizing Pro - Weather Application

*A sleek, web-based weather application providing real-time weather data and a 5-day forecast with a dynamic, weather-responsive interface.*

- Developed a dynamic UI that changes its theme and visuals based on the current weather conditions of the searched city.
  - Integrated the OpenWeatherMap REST API to fetch and display current weather, detailed information, and a 5-day forecast.
  - Implemented robust functionality for city search, loading states, and error handling for a seamless user experience.
  - **Technologies:** HTML5, CSS3, JavaScript, OpenWeatherMap API
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## Certifications

- **Google UX Design Professional Certificate** - *Coursera*
  - **Frontend Development Certificate** - *Coursera*
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## Education

- **HSC Candidate (Science Group), Class of 2025** *Bangladesh, Chittagong*