



# SARNAB BHATTACHARJEE

FULL-STACK DEVELOPER & UX/UI DESIGNER

## Profile

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

## PROJECTS

### AURAA- AI CHATBOT

#### 2025 - Finished Working

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

#### 2025- Finished Working

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

#### 2025- Finished Working

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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## SKILLS

- User Research
- Usability Testing
- Information Architecture (IA)
- Interaction Design
- User Flows
- Journey Mapping
- Wireframing
- Prototyping
- Critical Thinking
- Data Analysis
- A/B Testing
- Visual Design
- User Research
- Usability Testing
- Information Architecture (IA)
- Visual Design
- Typography
- Color Theory
- Layout and Grid Systems
- Iconography
- UI Patterns
- Responsive Design
- Design Systems
- Branding and Ideating
- Animation and Micro-interaction
- Communication
- Collaboration
- Presentation Skills
- Story Telling
- Business Acumen
- Project Management
- Continuous Learning
- Adaptability
- Ethical Design
- Service Design
- Psychological Principles (in progress)

## LANGUAGE

I'm proficient in English and I can communicate both orally and with writing in English!

As a Bangladeshi my mother tongue is "Bangla"

I also know: Hindi(I can understand and also express and talking in Hindi but can't write either understand Hindi writing), Dutch(A little)

## INTERESTS

CODING MOVIES  
GAMING SKETCHING  
MUSIC TRAVELING

## EDUCATION

### HIGHER SECONDARY SCHOOL

Kazem Ali School And College

2023 - 2025