Shibaditya Deb

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LinkedIn • Github • Codeforces • Leetcode • Personal Portfolio

PROFESSIONAL SUMMARY

Ambitious first-year BTech student specializing in Artificial Intelligence and Machine Learning, skilled in Python, DSA, AI tools, and frontend development. Published author on AI topics with leadership experience in event organization. Passionate about fintech and innovation, with intermediate expertise in stock market technical analysis.

EDUCATION

Bachelor of Technology (Computer Science)   2024 - 2028
Newton School of Technology (ADYPU)   Grade: 8.82/10.0

Intermediate (Class XII)   2022 - 2024
Indian Convent School   Grade: 85.6%

Matriculation (Class X)   2008 - 2022
Holy Cross School   Grade: 95.63%

PROJECTS

Sentence Constructor Game, (Github) (Demo)   April 2025
Built a responsive Sentence Construction Tool using React and Vite, where users complete sentences by selecting correct word options. Features include a 60-second timer, scoring system, auto-navigation, and feedback screen with performance summary.
Tech Stack: React+Vite, Tailwind CSS, JSON Server, React Router

QuantumBot AI chatBot, (Github) (Demo)   March 2025
Designed and developed *QuantumBot*, an AI-driven chatbot powered by *Google's Gemini AI API*. Built using *React (Vite)* for high performance and interactivity, with *Axios* for efficient API requests. The UI is styled with *CSS* to ensure a responsive and user-friendly experience. Deployed on *Netlify* for easy accessibility.

Tech Stack: React (Vite), JavaScript, HTML, CSS, Axios, Google Gemini API, Netlify.

Crypto Currency Tracker, (Github) (Demo)   March 2025
Developed a Weather App in React.js with real-time updates from OpenWeatherMap API. Features dynamic backgrounds, a transparent weather card, wind speed, humidity, temperature tracking, search, error handling, and smooth animations. Designed using AI tools for a visually appealing UI.

Tech Stack: React.js, JavaScript, HTML, CSS, OpenWeatherMap API, AI tools.

Dream Campus – Clean Responsive Web Design, (Github) (Demo)   February 2025
Developed a responsive, mobile-compatible single-page website for *Dream Campus University* using React and Vite. Integrated real-time interactive form handling with AI-enhanced UI smoothness and experience. Maintained a clean, modular file structure with reusable components for scalability and ease of maintenance. *Tech Stack*: React + Vite, JavaScript, Interactive Form Handling, Component-based UI, Organized File Structure, AI-enhanced UI Experience

Dynamic Weather App – Change Background Based on Temperature, (Github) (Demo)   January 2025
Built a modern Weather App using React.js with real-time weather updates from the OpenWeatherMap API. The app dynamically changes backgrounds based on weather conditions and features a transparent, aesthetically enhanced weather card. It includes wind speed, humidity, temperature, and real-time weather tracking. The UI is designed using AI tools for a visually appealing and user-friendly experience. Additional features include error handling, search functionality, and smooth animations

Tech Stack: Vite+React.js, JavaScript, HTML, CSS, OpenWeatherMap API, AI tools for UI design.

KalaKriti-Boutique Shop, (Github) (Demo)   November 2024
Collaborated with two teammates to build a responsive web project using HTML and CSS as a first-year student. Contributed to UI/UX design, wrote clean and maintainable code, and focused on building a scalable layout to demonstrate early frontend skills.

Tech Stack: HTML, CSS

CERTIFICATIONS

Investor Certification Examination, NISM & SEBI (Link)   October 2024
SEBI Certified Investor Successfully completed the SEBI Investor Certification Examination, a joint program by NISM and SEBI. Gained in-depth knowledge of financial markets, investment strategies, and regulatory frameworks. Strengthened analytical skills and investment decision-making, further aligning with my goal of driving innovation in the fintech industry.
Research paper publication certificate, INTERNATIONAL JOURNAL OF SCIENTIFIC RESEARCH IN ENGINEERING AND MANAGEMENT (IJSREM) (Link)   October 2021

Published Researcher — IJSER (2022) Authored and published a research paper in the International Journal of Scientific Engineering Research (IJSER), exploring [mention your research topic]. Conducted in-depth analysis and data-driven insights despite challenges posed by the COVID-19 pandemic. Demonstrated strong research, analytical, and problem-solving skills while collaborating remotely.

SKILLS

Computer Languages: JavaScript, CSS, HTML, Python
Software Packages: Excel, React, Pandas
Additional Courses: Data Structure
Soft Skills: Communication Skills, Critical Thinking, Teamwork, Leadership, Public speaking
Others: Spreadsheet, Microsoft Office, Entrepreneurship

EXTRA-CURRICULAR ACTIVITIES

Volunteer — Go For Gold - ICPC Style Bootcamp Nov 2024 – Dec 2024 — Newton School of Technology

- Assisted in planning, logistics, and execution of the competitive programming camp.
- Led outreach initiatives to promote the event and boost engagement.
- Designed and facilitated interactive learning activities.
- Developed teamwork, problem-solving, and event management skills.

Core Committee Member — Sponsorship Team Hashtech Festival - Tekron Fest — Jan 2025 – Mar 2025

- Secured sponsorships by pitching to marketing heads.
- Handled registration for smooth onboarding.
- Organized CodeWars, an ICPC-style contest.
- Gained organizational and leadership skills.