BISHAL DEB ROY

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PROFESSIONAL SUMMARY

Passionate Front-End Developer with hands-on experience building responsive, scalable web applications using React, Next.js, Tailwind CSS, and Payload CMS. Skilled in agile development, UI/UX design, and integrating CMS-driven content. Proven ability to deliver modular, maintainable code in collaborative, fast-paced environments. Looking to contribute to impactful tech projects at BRAC IT.

EDUCATION

Graduated in Computer Science, BRAC University [Dhaka]   2024
Relevant Coursework: Programming Language I & II, Data Structures, Algorithms, Software Engineering, Data Communications, Database Systems, System Analysis and Design, Computer Graphics, Artificial Intelligence, Operating Systems, etc.
Recognition: 1st place in War Room Debate at Banglalink HQ (2023), organized by IEEE BRACU CS SBC.

Higher Secondary Certificate (HSC), Science , Scholarshome Majortila College [Sylhet]   2017 - 2019
GPA: 4.17

Secondary School Certificate (SSC), Science , Scholarshome Majortila College [Sylhet]   2015 - 2017
GPA: 5.00

SKILLS

Front-end	HTML5, CSS3, Tailwind CSS, React JS, Shadcn UI, Daisy UI, etc.
Back-end	Node JS, Django Payload CMS (Learning Express JS).
Frameworks	NEXT JS (Currently learning Django).
Programming Language	JavaScript, TypeScript, Python (Learning GO).
Database	MySQL & MongoDB.
Tools	Git, GitHub & VS Code
Other	Agile Methodology.

EXPERIENCE

Intern Front-end Developer   Jan 2025 - Present
Penta Globals Ltd   *Banani, Dhaka*

- Developed 3+ responsive web applications using React.js, Next.js, Tailwind CSS, and Shadcn UI.
- Contributed to the Penta Solutions website and SmartSpend dashboard.
- Integrated Payload CMS for dynamic content management and collaborated on UI component libraries.

Campus Ambassador   July 2023 - Dec 2024
Airwork AI   *Remote*

- Conducted student outreach campaigns, increasing brand visibility by 40% in target communities.
- Coordinated event logistics and improved campus-wide awareness of AI-driven platforms.

Treasurer   June 2023 - Dec 2023
IEEE BRAC University Student Branch, Brac University   *BRAC University, Dhaka*

- Oversaw and reconciled event budgets exceeding BDT 100,000.
- Introduced tracking mechanisms that improved financial reporting efficiency by 30%.

Assistant Director (A&D Dept.)   Feb 2023 - Dec 2023
IEEE BRAC University Student Branch, Brac University   *BRAC University, Dhaka*

- Led the design team in producing branding assets for 10+ tech events.
- Streamlined team workflows, ensuring consistent delivery of creative assets.

PROJECTS

Penta Solutions Website: Working on a team with both frontend & backend team to build a fully functional website of the company using NEXT JS, React JS, Tailwind CSS, Shadcn UI, Payload CMS, etc. (Live)

Self-Made Portfolio: Made my portfolio and deployed it using Netlify. I used React JS, Tailwind CSS & Daisy UI to present myself in the internet world. (GitHub) (Portfolio website)

SmartSpend: Build a project in a team using React JS, Tailwind CSS & Daisy UI. The purpose of this website is to manage the personal expenses of a person. Keeping that in mind, the frontend was made.(GitHub Link)

AI Chatbot: I tried to build a Gemini-like AI chatbot using the Gemini API, although more optimization is required. I have used React JS in this project (GitHub) (Ai Chatbot Website)

CERTIFICATION

- **Basics of Web Development** (HTML, CSS, Bootstrap & JavaScript) - Mentors' Learning.
- **Intermediate Git** (Git & GitHub) - DataCamp, March 2025.
- **Introduction to Python** (Python Programming Language & NumPy) - DataCamp, March 2025.
- **Intermediate SQL** - DataCamp, March 2025.
- **Stepping into Machine Learning: A Hands-On Experience** - IEEE BRAC University Student Branch, 2023.

PUBLICATION

- **Bridging the Gap: Exploring the Factors Influencing Women's Adoption of Mobile Financial Services (MFS) in Rural Areas of Bangladesh.** (Link of the paper)

  Published In: COMPASS '24: Proceedings of the 7th ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies.
  Date of Publication: 28 August 2024.

LANGUAGE

- Bangla,
- English.