Bibek Bhowmick

Full Stack Developer

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GitHub: https://github.com/bibekbowmick2-2

Portfolio:https://bibek-portfolio2.netlify.app/

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PROFESSIONAL SUMMARY

Innovative **Full Stack Developer** with extensive experience in designing and developing scalable, high-performance web applications using **React.js**, **Next.js**, **Typescript**, **Tailwind CSS**, and **Node.js**. Strong proficiency in **API integrations**, **SQL**, **server-side rendering (SSR)** and **UI/UX optimization**. Proven ability to improve website performance, cross-browser compatibility, **agile** practices and scalability while maintaining a strong focus on user experience and component reusability.

TECHNICAL & CORE COMPETENCIES

- **Frontend Development**: React.js, Next.js, Javascript,TypeScript, Tailwind CSS, Bootstrap, Material UI, Chakra UI, Responsive Design, Cross-Browser Compatibility, Component Reusability

- **Backend**: Node.js, Express.js, PHP, Next.js

- **Database Management**: MongoDB(Mongoose), PostgreSQL, Firebase

- **Tools**: Docker,Postman, Git/GitHub, GitHub Copilot, Netlify, Vercel

- **Security**: JWT Authentication, Sanitization, Encryption

- **API & Integration**: RESTful API Integration, React Router, Context API, React Query, Axios, OpenAI API Integration, Performance Optimization

- **Development Practices**: Agile Development, Git-Based Workflow, Single Page Applications

PROJECTS

1. **IEMS Study Management Platform** (**Live Site** | **GitHub(Client)** | **GitHub(Server)**)
   Multi-role platform with Admin, Tutor, and Student panels to streamline study sessions.
   - Reduced API response time by using React Query for state management.
   - **Optimized** UI performance, resulting in a smoother user experience across multiple devices.
   - **Stack**: React.js, Tailwind CSS, Firebase, MongoDB, Node.js, Express.js

2. **Tech Tales Platform** (**Live Site** | **GitHub(Client)** | **GitHub(Server)**)
   Content and blog management application with search, wish list, and responsive UI support.
   - Achieved mobile responsiveness using Tailwind CSS and Daisy UI
   - **Developed** a robust architecture with **React.js** for efficient, reusable components.
   - **Stack**: React.js, Tailwind CSS, Node.js, Express.js, Firebase

3. **Scheduling Processing Application** (**Live Site** | **GitHub(Client and Server)**)
   It is an event and schedule management based application.
   - Achieved optimization and scalability in website and **SEO** performance by using server side rendering
   - **Built** by simplifying routing, server management, optimized architecture using **Next.js**
   - **Stack**: Next.js, Express.js , MongoDB, Tailwind CSS

EDUCATION

B.Sc. in Computer Science & Engineering

Bangladesh Army University of Engineering & Technology **(2020 – 2024)**
CGPA: 3.30

- **Relevant Coursework:** Web Development, Data Structures Algorithms, Web Security
- **Project Stack:** Developed in React Native (Expo)

EXTRA-CURRICULAR ACTIVITIES

- General Member at BAUET Computer Society
- ICPC 2021 Preliminary Contestant | Mindstorm Programming Contest | IT Spark 1.0
- Volunteered in **university tech fests** and **coding competitions**, contributing to event organization and mentoring peers.

CERTIFICATIONS & ACHIEVEMENTS

Programming Hero, Dhaka - *Junior Web Developer – (Training-Based Project Work)*
(June 2024 – April 2025)

- Completed **Complete Web Development** course
- **Improved React app performance** by optimizing component structure and minimizing state re-renders and achieved **mobile responsiveness** by using modern frameworks.
- Participated in **Agile methodology** for project development and teamwork.

Leetcode, Codeforces, Hackerrank, Coding Ninja
Solved 250+ problems in these platforms

REFERENCES

Available upon request