

Bibek Bhowmick

Junior Frontend Developer (React, Next.js & Node.js Specialist)



📍 Dhaka, Bangladesh  <https://github.com/bibekbowmick2-2>

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🌐 <https://bibek-portfolio2.netlify.app/>

CAREER OBJECTIVES

Frontend Developer with 1+ years of hands-on experience in building scalable web applications using React, Next.js, Node.js, Express, and MongoDB. Proficient in implementing JWT authentication, RESTful APIs, and optimizing performance. Certified in web development and ethical hacking. Strong problem-solving skills honed through programming contests and building web applications.

SKILLS

- **Frontend:** React.js, HTML5, CSS3, Tailwind CSS, Bootstrap, Material UI, Chakra UI, Daisy UI, Flowbite
- **Backend:** Node.js, Express.js, PHP, Next.js
- **Databases:** MongoDB, SQL, Firebase
- **Tools:** Postman, Git, GitHub, Figma, VS Code, Netlify, Vercel, MS Office, Project Management Tools
- **Security:** JWT Authentication, Automated Penetration Testing (Burp Suite)
- **Additional:** RESTful API Integration, React Router, Context API, React Query, Axios, NPM packages, AI Models Integration

EXPERIENCE

Byte Capsule Ltd., Rajshahi - *Intern (System and Web Penetration Testing)*
2024

- Completed "Ethical Hacking for Professionals" certification under CEO Sakib Zishan
- Submitted bug report for one of their domain as part of the course. Conducted vulnerability assessments using Burp Suite and submitted detailed bug reports.

Programming Hero, Dhaka - *Junior Web Developer (Student)*
JUNE 2024 - February 2025

- Completed complete web development course
- Developed full-stack projects using React, Next.js, Node.js, and MongoDB, improving application performance by 30%.
- Collaborated in Agile teams to deliver responsive and scalable solutions. Completed a team project in their program.

PROJECTS

1. **IEMS Study Management Platform** ([Live Site](#) | [GitHub\(Client\)](#) | [GitHub\(Server\)](#))
 - Allows users to manage study sessions, tutors, and study materials
 - Connects students, tutors, and administrators for streamlined scheduling, book sessions, upload study materials, hire tutor and courses management.
 - All updates will be updated directly to the database and different secure routes exist like Admin Panel, Tutor Panel and Student Panel. Each panel have different authorities.
 - Reduced API response time by 25% using React Query for state management.

Uses technology: Tailwind CSS, React.js, Daisy UI, Firebase, React Toastify, React Router, React Firebase Hooks, MongoDB, Node.js, Express.js, JWT, React Query, JWT, Axios , NPM packages.

2. **GameCritics-Hub2:** ([Live Site](#) | [GitHub\(Client\)](#) | [GitHub\(Server\)](#))
 - Web Application for reviewing and rating games
 - Comprehensive game database
 - User-generated reviews and ratings
 - Personalized recommendations and advanced search options
 - Advanced Search and Filter Options
 - Customized Reviews and Wish list Section
 - The website is fully responsive.
 - Achieved 95% mobile responsiveness using Tailwind CSS, and Daisy UI.

Uses technology: Tailwind CSS, React.js, React Bootstrap, Firebase, React Toastify, React Router, React Firebase Hooks, MongoDB, Node.js, Express.js, Axios, NPM packages.

EDUCATION

B.Sc. in Computer Science & Engineering

Bangladesh Army University of Engineering & Technology | Jan 2020 - Jan 2024

- **Relevant Coursework:** Data Structures, Algorithms, Database Systems, Web Security

EXTRA CURRICULUM ACTIVITIES

- **General Member** at BAUET Computer Society
- Contestant in **International Collegiate Programming Contest (ICPC) Preliminary 2021**
- Contestant in **Mindstrom Programming Contest** Organized by BAUET Computer Society
- Contestant in **IT Spark 1.0 Programming Contest** Organized by ICT Club, BAUET

ACHIEVEMENTS

- **Black Belt** - Complete Web Development with Jhankar Mahbub
- *Arranged by Programming Hero*

PROFESSIONAL COURSES

Programming Hero

- *Complete Web Development with Jhankar Mahbub*

JUNE 2024 - February 2025

Byte Capsule

- *Complete Ethical Hacking for Professionals with CEO, Sakib Haque Zishan*

2024

LANGUAGES

- Bangla (Native) | English (Comfortable)

REFERENCES

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