

Tauhidur Rahman

Software Engineer

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OBJECTIVE

Software Engineer with 1+ years of experience building scalable, production-grade web applications using React, Next.js, and TypeScript. Experienced in REST API integration, performance optimization, and real-time systems (WebSocket, Socket.io). Collaborating in agile teams to deliver high-performance, maintainable UIs. Strong communicator with experience working on complex systems, real-time data, and cross-functional teams—seeking opportunities to build impactful software.

SKILLS

Language & Database: JavaScript, TypeScript, SQL, Python, MongoDB, PostgreSQL.

Frontend: React, React.js, Next.js, Redux Toolkit, RTK Query, Tailwind CSS, SCSS, Bootstrap, HTML5, CSS3, jQuery, REST API

Backend: Node.js, Express.js, Django

Tools & Practices: Git, GitLab, Docker, Agile/Scrum, Clean Code (DRY, SOLID), Performance Optimization, WebSocket, CI/CD

Testing & Quality: Unit Testing (basic), Debugging, Performance Profiling

EXPERIENCE

Junior Software Engineer

Suffix IT

Feb 2024 – Present, Badda, Dhaka

- Built and maintained **scalable front-end applications** for a Bangladesh Government BIWTA project, supporting multi-department voyage management with JSON-based APIs, authentication flows, and async data handling.
- Developed **responsive, high-performance UIs** using React, Next.js, TypeScript, and Tailwind, and Integrated with REST APIs and Java/Spring Boot backend services.
- Improved UI performance by **up to 10x** by optimizing component re-renders using useMemo, useCallback, and other hooks.
- Applied **Atomic Design principles**, reducing debugging time by **30%** and improving long-term maintainability.
- Collaborated in a **10-member agile team**, participating in sprint planning, code reviews, and async communication.

Trainee Software Engineer

Suffix IT

Nov 2023 – Jan 2024, Badda, Dhaka

- Contributed to front-end features using HTML, CSS, JavaScript, React, Redux Toolkit, and Socket.io.
- Quickly ramped up on new technologies through mentorship and independent learning.
- Assisted in implementing real-time UI updates and state management in production projects.

EDUCATION

B.Sc. in Software Engineering

Mar 2022, Dhaka, Bangladesh

Daffodil International University

- Concentrations:** Software Engineering
- CGPA:** 3.24/4.00
- Courses:** Data Structures & Algorithms, Database Management Systems, Combinatorics, Artificial Intelligence, Object-Oriented Programming (OOP), Statistics & Applications, Operating Systems, SDLC, etc.

PROJECTS

e-Enlistment & Smart Voyage Management

- A Bangladesh Govt. project under BIWTA, which manages the vessel's voyage between Bangladesh and India.

Technologies used: ReactJS, JavaScript, Tailwind, Redux-Toolkit, ArrayBuffer, Socket.io, SSL | **Live:** [Smart Voyage](#)

Q-Collection Energy Monitoring System

- A system that monitors the power and energy use of a factory named SQ.

Technologies used: ReactJS, JavaScript, Tailwind, Redux-Toolkit, React-Hook-Form, webSocket | **Live:** [Q-Collection](#)

ArcDeco Interior Design

- A modern interior design company portfolio.

Technologies used: NextJS, JavaScript, Tailwind, Framer Motion | **Live:** [Arcdeco](#)