

Md Shafayet Hussain

Frontend Engineer specializing in React.js | B.Sc. in Computer Science | Sylhet Engineering College

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Professional Summary

Versatile and detail-oriented JavaScript developer with 3+ years of experience crafting scalable, performant web applications. Proficient in React, Next.js, and Ember.js, with a strong focus on clean code, responsive UI, and seamless user experiences. Adept at translating design systems into reusable components, optimizing frontend performance, and collaborating in Agile environments to deliver high-quality products.

Skills

- **Languages:** JavaScript
- **Frameworks/Libraries:** React, Next.js, Ember.js, Bootstrap, Tailwind CSS
- **Version Control:** Git
- **Development Tools:** Chrome DevTools | React Developer Tools | Ember Inspector

Work Experience

Software Developer (Full Time)

Dec 2022 – Present

Algorithm Generation Limited

Dhaka, Bangladesh

- Engineered advanced **UI components** and contributed to API architecture, emphasizing **scalability** and **maintainability**.
- Collaborated with senior engineers on **codebase refactoring** and **reusable component** development; mentored junior developers and supported project-wide contributions.
- Led the development of an end-to-end **Zerocode** and **HR platform** using **Ember.js**. Orchestrated seamless API integrations with **Ember Data** and implemented **real-time updates** via **WebSockets**.
- Translated complex **UI/UX designs** into high-performance web applications. Integrated **RESTful APIs** using customized adapters and serializers. Implemented secure, token-based authentication using **JWT**.
- Deployed production-ready applications to **AWS S3** and managed server infrastructure on **AWS EC2**.

Junior Developer (Full Time)

Dec 2021 – Nov 2022

Algorithm Generation Limited

Dhaka, Bangladesh

- **Developed** real-world features and collaborated on team-based projects during a year-long role as a **Junior Developer**, focusing on clean code and practical problem-solving.

Projects

- **GoCart:** Built a modern e-commerce platform using **React**, featuring **dynamic product listings**, **shopping cart functionality**, and a seamless user experience. Integrated **real-time APIs** for data handling, optimized for **performance** and **accessibility**.

[Sneak peek](#) | [GitHub Repo](#)

- **Image Gallery:** Simplified image management with features to **upload**, **delete**, and **sort** images effortlessly for an organized gallery. Built with **React** and **Django**.

[View Project](#) | [GitHub Repo](#)

- **Todo App:** A Todo List application built with **React** featuring a **Kanban-style** interface with three columns: New, Ongoing, and Done. Includes **context menus**, **date pickers**, and **form pre-filling** for efficient task management.

[View Project](#) | [GitHub Repo](#)

- **ZerocodeERP:** Developed an accounting system to manage financial records and transactions. Utilized **Ember.js** for a responsive, modular front-end and integrated APIs using **Ember Data**. Managed live notifications and real-time updates with **WebSockets**, focusing on **user-friendly design** and **performance optimization**.

- **HR:** Created an HR web application using **Ember.js** with **Ember Data** for API management and real-time updates via **WebSockets**. Emphasized **modular design**, **performance optimization**, and **Agile development practices**.

Education

B.Sc. in Computer Science and Engineering

Sylhet Engineering College, Bangladesh

Graduated: 2021

Volunteer Experience

Organizing Secretary

[Prothom Alo Bondhushava](#) — Sylhet, Bangladesh

2018–2021

Reference

[Raihan Ferdous Sajal](#)

Consultant, Silencer Devices, LLC

Contact information available upon request