

Hasnat Hafiz

Senior Frontend Engineer

641-233-2108 | hasnathafiz.miu@gmail.com | [linkedin.com/in/hafiz229](https://www.linkedin.com/in/hafiz229)

Fairfield, Iowa 52557 | Willing to Relocate

CAREER SUMMARY

Senior Frontend Engineer with **5 years** of experience building **high-performance, user-friendly web applications** in the **fintech** and **education** sectors. Specialized in **JavaScript, TypeScript, React, Next.js**, and modern state management tools like **Redux** and **Context API**. Proficient in integrating **REST** and **GraphQL APIs**, optimizing performance, and delivering responsive UIs using **Tailwind CSS, Material UI**, and **Bootstrap**. Experienced with **WebSockets, JWT, Jest**, and **Cypress** for real-time features and testing. Adept at deploying **scalable applications** with **Docker, GitHub Actions**, and **AWS** in **Agile** environments.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript

Frontend: React, Next.js, Redux, Redux Toolkit (RTK), Zustand, Context API, Tailwind CSS, Material UI, Bootstrap, HTML5, CSS3, JSON, HTTP

Backend: Node.js, Express.js, NestJS

Databases: MongoDB, Redis, MySQL, Mongoose

Web Services: RESTful APIs, GraphQL, Apollo Client, WebSocket, JSON Web Token (JWT)

Testing: Jest, React Testing Library, Cypress

Cloud Platforms: Amazon EC2, AWS Lambda, Amazon S3

DevOps & CI/CD: Docker, Kubernetes, Jenkins, GitHub Actions

Development Methodologies: Agile, Scrum

Tools: Visual Studio Code, MongoDB Atlas, SignalR, Postman, Git, GitHub, BitBucket, Jira, Slack, ClickUp, Vercel, Netlify, Npm, Yarn, Babel, Webpack

PROFESSIONAL EXPERIENCE

Career Note: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

Software Engineer

EcoSoftBD IT Ltd.

Feb. 2022 – Apr. 2025

Dhaka, Bangladesh

- * **Led the frontend development** of the Dhaka Stock Exchange Trading Platform using **React, Next.js, Redux Toolkit**, and **Tailwind CSS**, resulting in a **40% improvement in load time** and increased performance under high data volume.
- * Implemented **real-time data updates** using **WebSocket** and **SignalR** for live trading events, supporting **500,000+ order updates** per 4-hour session with **sub-100ms latency**, improving trading responsiveness and reliability.
- * Developed robust **GraphQL** and **REST API integration** using **Apollo Client** and **RTK Query**, achieving **30% reduction in redundant API calls** through smart caching and pagination.
- * Contributed to backend services for the **Stock Market Back Office system** using **Node.js, Express.js**, and **MongoDB**, helping process over **500,000 daily trade records** with reliable performance and secure data handling.
- * Wrote comprehensive **unit and integration tests** using **Jest, React Testing Library**, and **Cypress**, reaching **90%+ test coverage**, reducing production bugs by **40%**, and supporting confident **CI/CD** releases.
- * Partnered with DevOps to set up **GitHub Actions-driven CI/CD** for frontend apps, integrating **automated tests, Docker** builds, and **Kubernetes** deployments — accelerating feature delivery by up

to **70%** in some cases, reducing production bugs, and ensuring **seamless, zero-downtime** user experiences.

- * Used **Agile** methodologies and tools like **Jira**, **Slack**, and **Bitbucket** to manage cross-functional team collaboration and bi-weekly sprint releases, improving delivery efficiency by **25%**.
- * **Mentored** a newly onboarded **frontend developer**, reducing their **onboarding time by 30%** and improving their **first-sprint contribution quality** through structured **code reviews**, **pair programming**, and **technical guidance**.

Junior Software Engineer

HappyDesk

Mar. 2020 – Jan. 2022

Dhaka, Bangladesh

- * Developed a **responsive currency converter** using **React**, **REST APIs**, and **Context API**, enabling **real-time conversion** across **130+ currencies** and serving over **10,000 monthly users** with **30% improved accuracy**.
- * Collaborated on building **frontend components** for a **payment portal** using **Next.js**, and **Tailwind CSS**, enhancing **UI consistency** and improving **cross-device accessibility**.
- * Used **Redux Toolkit** for managing complex UI state in **multi-step forms**, reducing **state-related bugs by 40%** and improving **form reliability and user experience**.
- * Wrote **unit tests** with **Jest** and **component tests** with **React Testing Library**, improving **code reliability** and catching **90% of UI bugs** before production release.
- * Assisted in **backend development** using **Node.js**, **Express.js**, and **MongoDB**, contributing to secure **RESTful endpoints** and gaining experience in **full-stack collaboration** and **JWT-based authentication**.
- * Contributed to version control using **Git** and **Bitbucket**, resolving merge conflicts in a collaborative team environment and supporting stable development branches.
- * Participated in **Agile** ceremonies (**daily stand-ups**, **sprint reviews**, **retrospectives**) using **Jira** and **Slack**, contributing to faster sprint delivery and improved cross-team communication.

EDUCATION

Maharishi International University

Master of Science in Computer Science (Distance Education; Expected 12/2026)

Fairfield, Iowa

International Islamic University Chittagong

Bachelor of Science in Computer Science and Engineering

Chittagong, Bangladesh

Mar. 2016 – Mar. 2020