

Abu Hasan Rumi

Frontend Engineer

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Frontend engineer with over 2 years of experience building responsive, high-performance web applications using React and TypeScript. Proficient in modern state management tools like Redux and TanStack Query, with a focus on clean, maintainable code and intuitive user interfaces. Experienced in collaborating directly with Shopify store owners to gather feedback and deliver tailored solutions, enhancing both technical and communication skills. Keen interest in developing customer data platforms that unify diverse data sources into actionable insights.

Work Experiences

Software Developer

May 2023 - Present

DevsNest LLC | Shyamoli, Dhaka

- Developed and optimized dynamic, large-scale forms for a user dashboard using React, Redux, and TypeScript, enhancing usability and performance for e-commerce applications.
- Designed frontend widgets and real-time features for Shopify stores (e.g., checkout enhancements), leveraging JavaScript, React, and REST APIs to improve customer interactions.
- Collaborated with stakeholders and team members to implement advanced filtering and data management features, ensuring seamless integration with backend systems.
- Maintained and upgraded projects by adopting best practices in accessibility, state management (Redux/Context API), ensuring reliability and scalability.

Technical Skills

- **Expertise:** JavaScript (ES6), React.js, Next.js, Vue.js, Redux, Context API, REST API, MongoDB, JWT, Shopify App Development, DOM Manipulation, TanStack Query, Various UI libraries
- **Comfortable/Familiar:** TypeScript, Firebase, Node.js, Express.js, GraphQL, Zustand, Chrome Browser API

Projects

[FlexiForm](#)

[Github](#) | [Live](#)

Dynamic Form Builder | React, TypeScript, Zustand

Designed and developed a modular form builder allowing users to create, update, and render dynamic forms with conditional logic and reusable components. Implemented local persistence and real-time preview using Zustand, optimizing for speed and developer flexibility.

[Expensify - React Native](#)

[Github](#)

Expense Tracking Mobile App | React Native, TypeScript, Expo CLI

Designed and developed a modern expense tracking app using React Native and Expo with a dark-themed UI, secure Firebase authentication, and real-time Firestore integration. Implemented smooth animations, responsive design, and modular architecture for seamless financial management and cross-platform performance.

[WebPeekr](#)

[Github](#) | [Live](#)

Chrome Extension | React, Tailwind, Chrome API

Built a Chrome extension to inspect and extract fonts, colors, and design styles from any website. Implemented color detection, font parsing, and hex conversion logic to help frontend developers replicate styles accurately. Used by 30+ users.

[Micro-Flow](#)

[Github](#) | [Live](#)

NPM Package | JavaScript Utilities (Throttle, Debounce, Rate-Limit)

Developed and published a minimal JavaScript utility library on NPM for managing function execution with debouncing, throttling, and adaptive rate-limiting — enhancing UI performance in event-heavy environments.

[State-Sync](#)

[Github](#) | [Live](#)

NPM Package | State Synchronization Across Tabs

Created and published a lightweight utility on NPM to synchronize application state across multiple browser tabs/windows, ensuring seamless user experience in real-time collaborative applications.

Soft Skills

- **Communication:** Strong written and verbal skills for technical documentation and client interactions.
- **Collaboration:** Ability to work cross-functionally with designers, product managers, and backend teams.
- **Problem Solving:** Demonstrated ability to diagnose and solve complex issues in production systems.

Education

BSc in Computer Science and Engineering (CSE)

University of South Asia - Dhaka, Bangladesh