

Khairul Hasan

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Education

- International University of Business Agriculture and Technology** Dhaka, BD
B.Sc. in Computer Science Aug 2018 – Dec 2021

Experience

- Wegro** Dhaka, BD
Senior Frontend Developer Mar 2025 – Present
 - Engineered a scalable ERP system for managing workflows for over 15,000 farmers, field officers, and accountants, reducing manual coordination time by 30%.
 - Implemented real-time activity tracking for 150+ field officers, increasing accountability and operational transparency.
 - Optimized API integration with Redux Toolkit and RTK Query, cutting network errors from 15 to 5 per week and improving data load times by 48%.
 - Developed a dynamic investor web application, which facilitated a 25% increase in transaction volume, processing over \$800,000 in investments.
 - Improved bank reconciliation workflows by designing the bank panel module, which reduced errors in financial reporting from 10% to less than 2%.
 - Collaborated with backend and mobile teams, resulting in a seamless user experience across all platforms, reducing integration issues by 20%.
- Fleetblox** Remote
Senior Frontend Developer (Part time) Nov 2024 – Mar 2025
 - Contributed to the development of Fleetblox, an AI-powered fleet management platform designed to modernize and optimize automotive operations, serving 100+ fleet management companies.
 - Integrated AI-based algorithms to optimize vehicle routing and fleet scheduling, reducing operational costs by 15% for clients managing 1,800+ vehicles.
 - Developed real-time vehicle tracking features, improving fleet performance monitoring for 200+ logistics companies and providing actionable insights for fleet managers.
 - Built a responsive, user-friendly dashboard with React and Redux, enabling fleet managers to visualize fleet health, status, and performance metrics in real-time, resulting in a 20% improvement in fleet efficiency.
 - Collaborated closely with backend teams to ensure seamless integration of AI-based predictive maintenance features, reducing unexpected downtime for fleets by 25%.
 - Enhanced platform scalability by refactoring core components, allowing the system to handle a growing number of users and vehicles, supporting over 5,000 active fleet units.
- Anchorblock Technology** Dhaka, BD
Frontend Engineer May 2023 – Feb 2025
 - Refactored the structure of Anchorbooks, a flagship accounting software, using React, TypeScript, Redux, and RTK Query, improving code maintainability and scalability for 500+ small business clients.
 - Worked on a USSD monitoring tool for one of the top Mobile Financial Services (MFS) in Bangladesh, enabling real-time analytics and troubleshooting for over 5 million active users.
 - Integrated AI endpoints to automate the generation of invoices and bills from human text, reducing manual entry time to 50 milliseconds.
 - Utilized ApexCharts and D3.js to create dynamic visualizations, improving the presentation and user understanding of financial data for 1,000+ active users.
 - Developed custom components to replace problematic rsuite package components, improving performance and ensuring long-term reliability in the platform.
 - Designed and launched a platform that decodes the sentiment behind financial news, allowing users to make well-informed decisions, with over 10,000 articles processed.
- IOTA Infotech Limited** Dhaka, BD
Software Engineer Apr 2022 – Apr 2023
 - Developed a system connecting three databases, optimizing Google Maps API calls and reducing usage by 40%, saving up to 350 API calls per day.
 - Designed a social media algorithm for random posts (video, images, GIFs) with highlighted user posts, increasing engagement by 53% across 8,900+ users.
 - Developed a SAAS frontend for an employee management system with Laravel Blade, used by 50+ companies, streamlining employee management for 55,000+ employees.
 - Created a custom Redux RTK query in React.js for state management, improving development efficiency by 85% across 5+ projects.

- **ITGlobalOnline**

Dhaka, BD

Junior Software Engineer

Mar 2021 – Feb 2022

- Developed a REST API for a Blockchain project using Node.js and WEB3 library, enabling seamless blockchain integration for 500+ transactions per day.
- Implemented a new feature in the NFT marketplace backend using Laravel, enhancing the platform's performance and supporting all the daily active users.
- Managed VPS server for all company projects, ensuring 99% uptime and optimizing performance for 5+ active platforms.

Skills

TypeScript, JavaScript, React, Next.js, Node Js, Nest Js, Laravel, HTML5, CSS3, Tailwind CSS, Redux Toolkit, Zustand, React Query, RTK Query, Jest, React Testing Library, Cypress, Vite, Figma (handoff), REST APIs, GraphQL, WebSockets, CI/CD (GitHub Actions), Lighthouse, Performance Optimization, Accessibility (a11y)