

Hassan Raza

Senior Frontend Engineer | React | TypeScript

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Career Summary

Senior Frontend Engineer with 8+ years of experience building scalable, high-performance web applications using **React.js, TypeScript, Redux and Zustand**. Specialized in developing **data-intensive interfaces, and API-driven applications** for complex business workflows.

Strong experience **integrating microservice-based backend systems, secure APIs**, while ensuring smooth user experiences in high-traffic environments. Passionate about building reliable, scalable, and responsive interfaces with a focus on **performance, security, and maintainable architecture**.

EXPERIENCE

Walmart, Bengaluru, (Oct 2021 - Current) - *Software Engineer III*

DSP - Worked on enterprise-level web applications using modern JavaScript frameworks and frontend best practices

- Developed **scalable React and TypeScript applications** for **advertiser workflows**, campaign management, and reporting dashboards.
- Integrated **secure REST APIs** with **authentication, authorization, and role-based access control (RBAC)** to support enterprise-grade business operations.
- Improved application **performance by ~20%** through **rendering optimization**, efficient **state management patterns**, and component-level performance tuning.
- Designed **reusable and accessible UI components (ARIA-compliant)** adopted across multiple teams, **reducing development effort by 30%**.
- Led **frontend architecture discussions** and established scalable **state management patterns** using **Redux Toolkit and Zustand** across multiple features.
- Collaborated closely with backend teams to integrate **microservice-based systems** and deliver reliable, **API-driven user experiences**.
- Implemented **reusable design patterns** and **component abstractions** that improved maintainability and reduced feature development time.
- Conducted **code reviews, mentored junior engineers**, and promoted **frontend engineering best practices** across the team.

Shipsy, Gurugram, India (Jan 2021 - Oct 2021) - *Software Engineer L2*

EXIM - A global SaaS platform automating cross-border supply chains through freight procurement, digital documentation, and real-time cargo tracking across 30+ countries.

- Reduced **page load time by 25% in data-heavy logistics dashboards** by identifying and resolving React rendering bottlenecks.
- Optimized frontend performance through **code splitting, memoization, and bundle optimization**, achieving Lighthouse scores above 95.
- Built **Chrome extension** tracking module using **Preact**, consuming **REST APIs and microservices**.

Dew Solutions, Gurugram, India (Feb 2020 - Dec 2020) | Software Engineer

Tata Neu - A consumer-facing super app enabling bill payments, mobile recharges, and digital transactions through a unified Progressive Web Application experience.

- Re-architected bill payment system into reusable component architecture **reducing codebase by 78%**.
- **Reduced development time by 50%** for adding new payment categories.

Daffodil Software, Gurugram, India (Mar 2018 - Feb 2020) - Associate IT

Asort - A multi-platform e-commerce solution enabling product discovery, order management, and customer engagement across web and mobile applications.

- Built **responsive and cross-browser web applications** using **JavaScript (ES6+), HTML5, and CSS3**.
- Created **schema-driven dynamic table components** reducing redundant JSX and improving UI reuse.
- Integrated frontend systems with **secure backend services and RESTful APIs**.
- Mentored junior developers and conducted **technical code reviews**.

SKILLS

Languages

TypeScript, JavaScript (ES6+), HTML5, CSS3

Frontend

React.js, React Native, Redux, Redux Toolkit, Redux Thunk, Redux Saga, Zustand, Context API, React Router, Preact

Styling & UI

Tailwind CSS, Styled Components, Bootstrap, Ant Design, Native Base UI, Storybook, Chart.js, Responsive Design, WCAG 2.1, ARIA Accessibility

Backend & APIs

Node.js, Express.js, REST APIs, Axios, TanStack Query, Firebase, Webhooks, Socket.IO, WebSockets, YouTube API, Microservices Integration

Testing

Jest, React Testing Library, Vitest

Performance & Architecture

Frontend Architecture, Component Architecture, State Management Architecture, Code Splitting, Lazy Loading, Memoization, Bundle Optimization, Performance Optimization

Security

Authentication, Authorization, Role-Based Access Control (RBAC)

Mobile

React Native, SQLite

Build & DevOps

Webpack, Babel, GitHub Actions, CI/CD, Git

Tools & Methodologies

Jira, Agile, Scrum, Kanban, Code Reviews, Mentoring, Claude Code, Cursor

EDUCATION

Bachelor of Technology (B.Tech) – Computer Science Engineering from Galgotias University (2014 - 2018)

CERTIFICATIONS

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|---|--|
| • Frontend Developer (React) Certificate | • JavaScript (Intermediate) Certificate |
| • JavaScript Algorithms and Data Structures | • Problem Solving (Intermediate) Certificate |

ACHIEVEMENTS

Bravo Award – Walmart Global Tech

Monthly Achiever Awards and Shout-outs - Daffodil Software

PROJECTS

Juntos – Co-watch synchronized video web app

- Video sync and real-time chat powered by **Socket.IO** and **YouTube API** with **modular class-based frontend architecture**.
- Used modern development tools **Webpack, Babel, and CI/CD** pipelines to streamline deployments.

JD Academy – E-learning mobile application (Android & iOS)

- Built video player, quiz, and notes modules from scratch using **React Native and Native Base UI**.
- Improved application maintainability through **modular component architecture**
- Implemented **auto OTP read** and smooth animations using **react-native-animatable** and **react-native-otp-verify**.