







# Abhay Rana

## Senior Frontend Engineer

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### Professional Summary

Senior Frontend Engineer with 4+ years of experience building high-performance, real-time web applications using React, React Native, TypeScript, and WebSockets. Strong experience in trading platforms, SaaS products, scalable frontend architecture, and developer productivity tooling. Proven ability to optimize performance, design reusable systems, and collaborate closely with product and design teams.

### Work Experience

**Senior Frontend Engineer** Apr 2025 - Present  
Stantech AI Gurugram

- Led frontend development of a no-code form builder SaaS enabling MSMEs to build customizable dynamic forms.
- Designed reusable, responsive component libraries, accelerating feature delivery across teams.
- Implemented real-time validation and conditional logic in form builders, reducing user errors.
- Built performant dashboard with virtualized lists and infinite scroll, handling 100+ form entries without UI lag.

**Senior Frontend Developer** Oct 2024 - Apr 2025  
Quantx Technology Pvt. Ltd. Gurugram

- Integrated TradingView Advanced Charting Library to provide interactive financial charts with technical indicators.
- Developed and optimized a real-time trading platform using React, TypeScript, and WebSockets for high-frequency data updates.
- Implemented a docking layout using Dockview, allowing all trading components to be draggable, resizable, and organized within dockable panels for an enhanced user experience.

**Senior Frontend Engineer** Mar 2023 - Oct 2024  
HKS Manpower Pvt. Ltd. Gurugram



- Led frontend architecture decisions, improving scalability and development efficiency.
- Reduced engineering workload by 20% by building a production-ready React & React Native boilerplate.
- Improved website load time by 30% through bundle optimization and performance tuning.
- Designed a WebSocket-based real-time chat system with PDF sharing.
- Enabled large file uploads (100GB+) with automated retry and failure recovery.

**Frontend Developer** Oct 2021 - Mar 2023  
Healthmug Pvt. Ltd. Delhi

- Core contributor to the Healthmug iOS application, from initial development to production release.
- Architected shared business logic to minimize re-renders and unnecessary network calls.
- Used Redux Toolkit & RTK Query for efficient caching and state management.
- Implemented WebRTC video calling, handling low-latency communication and network edge cases.


### Projects

**Boilerplate of Reactjs & ReactNative** Sep 2023 - Present

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

- streamlined React.js and React Native project setup, significantly reducing engineering workload.
- Set up ESLint, Prettier, Husky, NextJS, TS, Vite configs to enforce consistent coding standards and pre-commit checks, ensuring clean and error-free code.
- Integrated essential libraries and tools like TailwindCSS, Axios, Redux Toolkit, Redux Persist, React 18, and React Wouter for efficient development and state management.
- Designed to be future-proof with support for the latest React features and best practices (folder structure, custom hooks, utils and services

**Resume Builder** Apr 2025 - Present

 [Live](#)

- Built AI-powered resume parser using Gemini + Cloudflare Workers to auto-extract data from PDF/DOCX with 95% accuracy.
- Engineered Puppeteer browser pool with pre-warmed browsers, reducing PDF generation time from ~4s to ~1s per document.
- Customizable Modern resume templates with TipTap rich text editor, drag-and-drop reordering, and real-time WYSIWYG preview, and the lots of the design options.
- Implemented seamless guest-to-auth data sync with last-write-wins conflict resolution, ensuring zero data loss across devices

### Skills

ReactJs NextJs WebRTC WebSockets Python NestJs NodeJs Redux JavaScript  
TypeScript React Native Solidity Web3 ExpressJs Git Data Structures & Algorithms  
Storybook MongoDB

### Education

**Masters of Computer Applications** Chandigarh  
Chandigarh University **CGPA: 8.6/10**