

Jatin Sharma



Software Development Engineer | React • Next.js • TypeScript • Redux Toolkit

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PROFESSIONAL SUMMARY

Software Development Engineer with **3 years of professional experience** specializing in **scalable frontend architecture** and **high-concurrency data systems**. Proven track record of **architectural ownership**, designing robust client-side solutions for **automated trading and risk management platforms**, as well as **high-traffic browser applications**. Recognized with a **Spot Award for performance excellence**. Demonstrated leadership and impact by conducting **70+ technical interviews** and delivering production systems consistently serving over **50,000 monthly users**.

TECHNICAL SKILLS

Frontend: React.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Astro (SSG), Next.js, HTML5, CSS3
Real-Time Systems: WebSockets, Polling, Live Market Data Handling, Highcharts, Candlestick Charts
Architecture: Feature-Based Structure, State Normalization, API Integration, Multi-Environment Config
Browser APIs: FileReader API, Blob, Canvas API, jsPDF
Performance: Memoization, Lazy Loading, Code Splitting, Re-render Minimization
Tools: Git, Postman, Google Analytics, Amplitude, Agile/Scrum

EXPERIENCE

Software Development Engineer Mar 2025 – Present
IOanyT Innovations Pvt. Ltd. Noida, India

- **High-Concurrency Data Systems (Riska – Automated Trading and Risk Management Platform):** Designed frontend architecture supporting **51 Nifty50 assets** with hybrid **Polling + WebSocket** updates during live market hours.
- **Performance Excellence:** Awarded "**Best Employee of the Month (Dec 2025)**" for outstanding contributions to system stability and optimization on the Riska project.
- **Scalable Frontend Architecture:** Built multi-level **P&L tracking (asset, strategy, configuration)** and consolidated dashboards with **5-year analytics** and **51-asset heatmap visualization**. Reduced dashboard load time by **40%** through memoization and optimized chart rendering.
- **iYurek – AI Financial Analytics Platform (500+ Users):** Developed multi-asset dashboards including **candlestick charts, sentiment meters**, financial event indicators, and strategy performance analytics. Built reusable chart abstraction components and optimized UI stability during continuous real-time updates.
- **APOCR – AI Invoice Ingestion & Validation System:** Built frontend for automated email-based invoice ingestion integrated with **third-party OCR** returning **deeply nested JSON**. Implemented **PDF-field synchronization**, searchable and paginated invoice listing, and approval workflow management using structured Redux state.
- **Trading Chart Demo:** Delivered reusable multi-symbol **candlestick chart module** for client integration with optimized historical data rendering.
- **Webflow API Platform:** Implemented **API-driven content architecture** within Webflow using custom JavaScript, handling dynamic category rendering, responsive tabular views, and structured data injection across **9 main categories**.
- **Last Man Standing – Tournament Management System:** Built dynamic **bracket progression logic** with automatic **state-driven leaderboard recalculation** and real-time admin score updates using React.

Member of Technical Staff Dec 2023 – Jan 2025
GeeksforGeeks Noida, India

Member of Technical Staff Intern Jun 2023 – Nov 2023
GeeksforGeeks Noida, India

- **Conducted 70+ JavaScript and React technical interviews**, evaluating candidates on problem-solving, system design, and frontend architecture.
- **Promoted to full-time** Member of Technical Staff ahead of schedule due to exceptional performance during the internship.
- Developed and deployed **50+ high-traffic developer tools** serving **50,000+ monthly users** including formatters, converters, image utilities, and calculators.
- Built JSON/CSV/XML/Excel transformation engines using client-side parsing logic with **FileReader API** and **Blob handling**.
- Implemented image and PDF tools using **Canvas API** and **jsPDF** while isolating heavy computation within iframe environments.
- Improved user retention by **80%** via live preview systems and achieved **Top-3 SEO rankings** across 100+ pages.

EDUCATION

B.Tech in Computer Science 2019 – 2023
Maharshi Dayanand University Score: 70.5%

Senior Secondary (Class XII) 2018 – 2019
CBSE Board Score: 91.2%