Jatin Sharma

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SUMMARY

Software Engineer with full-stack experience building web applications using **React.js**, **Next.js**, **Node.js**, and **MongoDB**. Improved Core Web Vitals, reducing Largest Contentful Paint (LCP) by **56%** via Server-Side Rendering (SSR), and migrated legacy JavaScript codebases to strict **TypeScript**. Experienced in building RESTful APIs and automated CI/CD pipelines.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3
Frontend: React.js, Next.js, Redux Toolkit, Tailwind CSS
Backend & APIs: Node.js, Express.js, RESTful APIs, Socket.IO, JWT
Databases: MongoDB
Cloud & DevOps: Git, GitHub Actions (CI/CD), Vercel, Azure, Render, Linux
Performance: Core Web Vitals Optimization, Server-Side Rendering (SSR)

EXPERIENCE

W3Era Web Technology Pvt. Ltd. **Jun 2026 – Present**
Next.js Developer *Jaipur, Rajasthan*

- Engineered scalable frontend interfaces for the Wranker web platform using **Next.js**, maintaining UI responsiveness while handling **5,000+ concurrent requests** under load testing.
- Spearheaded the migration of legacy JavaScript codebases to strict **TypeScript** and **Tailwind CSS**, accelerating UI feature delivery by **25%** and reducing type-related runtime errors.
- Optimized **Core Web Vitals** using **Server-Side Rendering (SSR)** and route caching, reducing **Largest Contentful Paint (LCP)** from **3.2s to 1.4s** (**56%**).

SCJ Entertainments **Jun 2025 – Aug 2025**
Software Developer *Remote*

- Developed full-stack workflows using **React.js** and **Express.js**, implementing client-side rendering and state management for application workflows.
- Automated deployment pipelines and code validation using **GitHub Actions**, reducing Git integration conflicts by **40%** and improving release reliability.
- Optimized **MongoDB** query execution and frontend state management, reducing measured page load times by **30%** across tested devices.

Infosys Springboard **Oct 2024 – Dec 2024**
Full-Stack Developer (Intern) *Remote*

- Engineered core full-stack features for the "Study Buddies" educational platform using **Node.js** and **React.js**, supporting concurrent user sessions across the application.
- Designed **MongoDB** data models and optimized **RESTful APIs**, enabling scalable data persistence and efficient data retrieval.
- Secured backend services using **JWT-based authentication** and authorization middleware, enforcing access controls across API endpoints.

PROJECTS

FinMate – Smart Financial Management Platform **Live Demo | GitHub**

- Engineered a financial tracking platform using **Next.js**, **Node.js**, and **MongoDB**, supporting multi-currency transactions and budgeting workflows.
- Implemented **JWT** session management and **Time-Based One-Time Passwords (TOTP)** for 2FA, strengthening authentication and account security.
- Centralized client-side state using **Redux Toolkit**, reducing prop-drilling and unnecessary component re-renders during financial updates.

CINEXA – Real-Time Movie Ticket Booking Platform **Live Demo | GitHub**

- Engineered a full-stack movie booking platform using **Next.js**, **Node.js**, and **Socket.IO**, with independently deployable frontend and backend services.
- Resolved concurrent booking conflicts using **Socket.IO WebSockets** for real-time seat locking and live availability updates.
- Automated booking confirmation and notification workflows using server-side cron jobs for scheduled backend processing.

EDUCATION

Vivekananda Institute of Technology **2022 – 2026**
Bachelor of Technology in Computer Science & Engineering *Jaipur, Rajasthan*

ACHIEVEMENTS

- Secured **Top 10** in **AI for Business** at a **24-hour global hackathon** with **4,000+ participants** from **50+ countries**.
- Completed the **Harvard Aspire Leaders Program**, strengthening leadership and critical thinking skills.