

SHIVAM ROHILLA

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PROFESSIONAL SUMMARY

Frontend Software Engineer with 4+ years of web development expertise in React, Next.js, TypeScript, and JavaScript. Specialized in micro-frontend architecture, state management (Redux), and web performance optimization. Proven track record: 35%+ booking conversion improvements, sub-2-second load times, 90+ Lighthouse scores. Skilled in REST APIs, responsive design, deployment (Vercel), and SEO optimization with expertise in unit testing (Jest, Mocha, React Testing Library).

TECHNICAL SKILLS & TOOLS

- **Core Technologies:** React, Next.js, Vue.js, JavaScript (ES6+), TypeScript, HTML5, CSS3, Bootstrap
- **State Management & APIs:** Redux, React Context API, REST APIs, Redux Toolkit, JSON
- **Web Performance & Architecture:** Micro-Frontend Architecture, Server-Side Rendering (SSR), Static Site Generation (SSG), Performance Optimization, Responsive Design, Progressive Web Apps (PWA)
- **Backend & Tools:** Node.js, Git, CI/CD Workflows, Package Managers (NPM, Yarn), Stripe, Socket.io, Firebase, Cashfree Payment Integration, Agile/Scrum, Docker/Container, AWS
- **Testing & Quality:** Jest, Mocha, Unit Testing, React Testing Library
- **DevOps & Deployment:** Vercel Hosting, SEO Optimization, Analytics (Google Analytics, Mixpanel), Webpack/Build Tools

PROFESSIONAL EXPERIENCE

Software Engineer

02/2026 – Present

HCAH India Pvt Ltd – Mohali, Punjab

- **CAS Panel – Role-Based Management System**
 - Architected a high-performance, role-based CAS panel featuring independent workflows for Manager and Agent interfaces tailored for the telesales team.
 - Devised a dynamic lead management listing, empowering managers to allocate incoming telesales leads seamlessly to agents.
 - Integrated third-party telecommunication providers Tata and Runo to handle high-volume calling workflows natively, boosting overall lead conversion rates by 27%.
- **HCAH & SuVitas Corporate Web Platforms**
 - Engineered net-new customer acquisition pages across the core HCAH and SuVitas corporate websites, substantially increasing unique web traffic.
 - Executed technical search engine optimization (SEO) tactics and web performance tuning to enhance search indexing and maximize layout responsiveness.

Software Engineer (Frontend Specialist)

11/2022 – 01/2026

TechGlock Software Solutions – Mohali, Punjab

- **Nosho – SaaS Booking & Payments Platform**
 - Architected and deployed a high-performance Next.js SaaS platform with modular Admin, Business, and Customer portals using TypeScript, Redux state management, and REST APIs. Integrated Stripe payment gateway for secure, compliant transaction processing.
 - Enhanced booking conversion rates by 40% by implementing real-time availability synchronization and responsive user experience design updates.
 - Leveraged Google Analytics (GA) and Mixpanel to monitor user behavior analytics, analyze conversion funnels, and optimize frontend features.
 - Deployed optimized frontend architecture on Vercel, achieving high availability and a web page load time of less than 2 seconds.
- **Whizlabs – Online Learning & Certification Platform**
 - Spearheaded the migration to a Next.js micro-frontend architecture consisting of 3 isolated, independent frontend portals.
 - Developed secure e-commerce billing workflows incorporating Stripe and Cashfree APIs for subscription systems and product checkouts.
 - Programmed an automated dynamic coupon and promotional discount system, increasing digital checkout conversions by 25%.
 - Built an automated administrative control pipeline for dynamic banners and hero layouts rendered at build-time, reducing content management overhead by 70%.
 - Boosted search engine visibility and organic traffic by 35% by exploiting SSR/SSG methodologies, metadata optimization, and web performance tuning.
 - Maintained exceptional software engineering quality benchmarks, consistently achieving a 90+ Lighthouse score for Performance and SEO.
- **Donatuz – Social Media & Creator Monetization Platform**
 - Built a high-traffic social media platform using React, Next.js, TypeScript, and optimized Redux state management layers to accelerate content delivery by 30%.
 - Engineered a decoupled, role-based system separating frontend modules cleanly for Consumers (Users) and Content Creators, shrinking component bundle size by 18%.
 - Implemented secure Web3-based authentication mechanisms for reliable, decentralized cryptographic user sessions, reducing login drop-offs by 14%.
 - Deployed a reliable monetization subsystem supporting creator subscriptions through secure multi-tier payment gateway integrations.
- **Magic Route – CRM & Role-Based Management System**
 - Led frontend development and system architecture of an enterprise web application, implementing granular Role-Based Access Control (RBAC) and secure REST API integrations to enforce security boundaries and manage intensive data records.
 - Streamlined client application state flows via intuitive URL-based navigation structures, accelerating user task efficiency by 22%.

- Managed frontend engineering for a secure CRM module handling intensive data records management while protecting user data privacy.
- **Allen Stocks – Secure Record Access Platform**
 - Hardened frontend layer safety barriers by establishing strict origin-based access control policies, neutralising cross-site vulnerability vectors.
 - Implemented an iframe-based sharing module to dynamically compile secure, encrypted, and short-lived shareable web URLs.
 - Guaranteed responsive web design compatibility across disparate mobile operating environments, lowering mobile layout bug occurrences by 45%.
- **Draught Guardian – Data Records Management System**
 - Developed a data records management system tailored for intensive data handling, scaling throughput capacity to handle over 10k simultaneous actions.
 - Generated real-time data visualization dashboards containing responsive charts and graphs syncing updates every 60 seconds with 0% UI freeze intervals.
- **Pro Construction – Business Management Platform**
 - Built an intuitive operational dashboard to eliminate friction, resulting in a 20% surge in daily active worker productivity tracking.

React Developer

08/2022 – 10/2022

KMA Technoware Pvt Ltd – Hisar, Haryana

- Enhanced digital user experience by structuring responsive web designs, elevating initial customer retention rates by 15%.
- Engineered modular, highly reusable UI components to standardize styling systems, compressing subsequent feature delivery timelines by 25%.
- Managed front-end state predictability using advanced React state management practices to eliminate recurring structural memory leaks.
- Collaborated with UI/UX design teams to translate interactive prototypes into fully accessible, W3C-compliant semantic frontend code.
- Interfaced with backend engineering groups to map seamless RESTful API endpoints, reducing payload transit latencies by 12%.

EDUCATION

Master of Computer Applications (MCA) in Computer Science

07/2025

Guru Jambheshwar University of Science & Technology – Hisar, India

Bachelor of Arts (BA) in Mathematics

11/2021

Maharshi Dayanand University – Rohtak, India

HONORS & CREDENTIALS

- **5 Star Performer of the Year** – Awarded for elite software development execution at TechGlock Software Solutions (04/01/2024)
- **HackerRank Certified Frontend Developer (React)** – Verified technical proficiency credential in React architecture