

RISHABH

Frontend Developer · React · Next.js · TypeScript · UI/UX Design
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SUMMARY

Frontend Developer and UI/UX Designer graduating June 2026 with 1 year of internship experience across two companies building production-grade React and Next.js applications. Proficient in TypeScript, Tailwind CSS, RESTful API integration, state management, and end-to-end UI design in Figma. Certified UI Design Professional. Experienced in Agile/Scrum teams, cross-functional collaboration, performance optimisation, and WCAG accessibility standards. Seeking a full-time Frontend Developer or UI Engineer role in Delhi NCR.

EXPERIENCE

Frontend Developer & UI Design Intern — GNA Construction Private Limited

Jan 2026 – May 2026 | New Delhi, India (On-site) | React.js, Next.js, TypeScript, Tailwind CSS, D3.js, Figma, REST APIs

- Built and shipped an interactive dashboard module on the company website with D3.js chart components for project cost tracking, equipment utilisation, and scheduling timelines, consumed by project managers.
- Developed a library of reusable React components — filterable data tables, drill-down charts, and KPI summary cards — reducing future UI development time by an estimated 40%.
- Designed high-fidelity UI wireframes and prototypes in Figma for the dashboard and 3 supporting pages, presenting to stakeholders and iterating on feedback before implementation.
- Applied code splitting and lazy loading to cut initial page load time by ~30%, improving Lighthouse performance score from 62 to 87.
- Collaborated cross-functionally with backend engineers to define and consume REST API contracts, ensuring accurate, performant rendering of live operational data across all dashboard views.

Frontend Web Developer Intern — Excelerate

Jan 2025 – Jun 2025 | Remote | React.js, TypeScript, Tailwind CSS, Jest, React Testing Library, Figma, REST APIs, Git

- Designed and developed responsive UI components and feature modules across Agile sprint cycles, contributing to 4 production releases over 6 months.
- Implemented pixel-perfect UI from Figma designs using React.js, TypeScript, HTML5, and CSS3, maintaining WCAG 2.1 AA accessibility standards across all owned components.
- Integrated RESTful API endpoints for dynamic content rendering, improving real-time data delivery across key product pages.
- Authored unit and integration tests using Jest and React Testing Library, achieving >80% test coverage on owned modules and reducing regression bugs by 25%.
- Participated in daily stand-ups, sprint planning, and peer code reviews — building hands-on experience in professional Agile/Scrum workflow.

PROJECTS

rBOLT Docs — Real-Time Collaborative Document Editor (Live · GitHub) | Next.js 15, TypeScript, Yjs (CRDT), WebRTC, Socket.io, Firebase

- Built a Google Docs-style collaborative editor with CRDT conflict resolution via Yjs, supporting simultaneous multi-user editing without data loss.
- Implemented real-time presence indicators, live cursor tracking, and shareable link generation using WebRTC and the Next.js 15 App Router.
- Integrated Firebase authentication and REST API endpoints for document persistence, version history, and access control.

PulseBoard — SaaS Analytics Dashboard (Live · GitHub) | React.js, TypeScript, Recharts, Chart.js, Tailwind CSS, REST APIs, Vite

- Designed and built a SaaS metrics dashboard UI featuring MRR/ARR tracking, churn rate charts, and user growth visualisations connected to live REST API data.
- Implemented dynamic date-range filters and cross-chart drill-down interactions enabling real-time data exploration without full-page reloads.
- Engineered a fully responsive, WCAG-compliant layout with optimised chart rendering across Chrome, Firefox, and Safari on desktop and mobile.

Highstreet — Premium Streetwear E-Commerce (Live · GitHub) | Next.js, TypeScript, Tailwind CSS, REST API

- Built a premium streetwear store with category shopping, wishlist, cart and checkout, flash-sale drops, and customer accounts.
- Shipped a full admin dashboard for catalogue, orders, customers, and marketing; live at highstreet-xi.vercel.app.

QuickRide — Intercity Cab Booking Platform (Live · GitHub) | React, JavaScript, Tailwind CSS, REST API

- Built a cab booking platform for one-way, round-trip, and airport transfers with instant fare estimates, vehicle selection, login, and an admin panel.

- Fully responsive booking flow; live at cabsdemo.vercel.app.

WebGL Audio Visualiser (Live · GitHub) | React Three Fiber, Web Audio API, WebGL, Web Workers, TypeScript

- Engineered a real-time 3D audio visualiser using WebGL and React Three Fiber, maintaining a consistent 60 FPS on mid-tier mobile devices.
- Offloaded FFT bin normalisation to a Web Worker, eliminating main-thread bottlenecks; cross-browser support with graceful WebGL fallbacks.

WebGPU Physics Particles Simulator (Live · GitHub) | WebGPU, React Three Fiber, Rust, AssemblyScript (Wasm), TypeScript

- Architected a 10M+ particle physics simulation using WebGPU compute shaders for GPU-accelerated collision detection and gravity.
- Built a custom Wasm physics core in Rust and AssemblyScript for near-native in-browser performance with real-time parameter controls.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript, Python, HTML5, CSS3 **Frameworks:** React.js, Next.js 15 (SSR/SSG), Tailwind CSS, Bootstrap

State Management: Redux, Zustand, Context API, React Query **UI/UX & Design:** Figma, Sketch, Responsive Design, Accessibility (WCAG 2.1)

APIs & Protocols: REST APIs, GraphQL, WebSockets, WebRTC **Testing:** Jest, React Testing Library, Cross-browser Testing

Build & Performance: Webpack, Vite, Web Workers, WebGL, WebGPU, Lighthouse

Tools & Infra: Git, GitHub, GitHub Actions (CI/CD), MySQL, Chrome DevTools **Libraries:** Three.js (R3F), D3.js, Socket.io, Yjs (CRDT), Recharts

EDUCATION

B.M. Institute of Engineering and Technology — Bachelor of Technology (B.Tech), Computer Science

Nov 2022 – Jun 2026 | GPA: 7.97 / 10 | Delhi, India

Relevant coursework: Data Structures & Algorithms, Web Technologies, Object-Oriented Programming, Database Management Systems

CERTIFICATIONS

User Interface Design Professional Certification — Institute of Management, Technology & Finance, Center of Assessment and Certification (2025)

Earned professional certification by completing all UI design assessment tasks with passing grades; programme covers interaction design, usability principles, and design systems.