RAHUL CHOURASIYA

SOFTWARE DEVELOPER

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Rcmade
Portfolio

Summary

Frontend Developer with **3+ years of experience**crafting **responsive, accessible, and performance-optimized user interfaces**. Specialized in **React.js, Next.js, TypeScript, and Tailwind CSS**, with deep expertise in **semantic HTML, WCAG accessibility, and modern design systems**. Proven track record of **improving Core Web Vitals (LCP, TTI) by up to 30%** and delivering **SEO-friendly, high-performing applications** that scale to thousands of users. Experienced in **PWAs, testing (Jest, RTL), CI/CD pipelines**, and collaborating with designers to ship pixel-perfect interfaces at startup speed.

Skills

Expert

Next.js (SSG, SSR, ISR, API Routes)

React.js (Hooks, Context, Component Patterns)

JavaScript (ES6+), TypeScript **HTML5 (semantic markup, accessibility)**

CSS3 (Flexbox, Grid), Tailwind CSS

Responsive Web Design & Mobile-first Development

Accessibility (WCAG, ARIA)

Performance Optimization (Core Web Vitals, bundle splitting, lazy loading)

Version Control (Git, GitHub/GitLab)

Proficient

Next.js (SSG, SSR, ISR) **Progressive Web Apps (PWA)**

Design systems & component libraries

Testing (Jest, React Testing Library)

Cross-Browser Compatibility & Debugging

State Management (Redux, Zustand, React Query)

REST & GraphQL integration

CI/CD (GitHub Actions, Jenkins)

Familiar

Webpack / Vite **Docker (basic)**

Python

PostgreSQL / MongoDB (basic)

AWS (S3, CloudFront)

Analytics (Google Analytics, Lighthouse)

Automation & Linting (ESLint, Prettier)

Experience

● Frontend Engineer | Dec 2024 – Jun 2025

ITSoftLab On-site

Delivered new UI features and performance improvements for **Mediscan Super Admin** — a multi-branch healthcare appointment & payment management platform.

- Built a reusable React component library and design tokens, reducing UI development time by ~20%.
- Optimized Core Web Vitals (LCP & TTI) via image compression, code-splitting, and lazy loading, cutting page load time by 30%.
- Implemented semantic HTML and ARIA attributes to meet WCAG standards, improving accessibility scores across key workflows.
- Translated Figma designs into pixel-perfect, responsive interfaces with Tailwind CSS, ensuring consistency across devices.
- Enhanced appointment booking UX with client-side validation & error handling, reducing failed submissions by 15%.
- Wrote unit & integration tests (Jest, RTL) and automated them via CI pipelines, improving release reliability.
- Led code reviews, pair-programming sessions, and authored a frontend style guide to speed up onboarding of new engineers.

● Frontend Developer | Jan 2023 – Jun 2024

GoRack Remote

Built production-grade web apps and interactive UIs for clients including **IDCOLAB** , **NOON** , and **Replenish MD** .

- Developed interactive 3D model viewers for IDCOLAB using Babylon.js, optimizing canvas rendering for smooth interactions and supporting 1,000+ monthly users.
- Built accessible, responsive streaming UIs for NOON with HLS/DASH integration, improving playback reliability and user experience.
- Improved SEO and structured metadata across landing pages, increasing organic traffic by 40%.
- Implemented offline-first PWA features with service workers, improving repeat visit load times and resilience in low networks.
- Collaborated with designers to deliver micro-animations and transitions, enhancing engagement without hurting performance.
- Integrated analytics & A/B testing hooks to track conversions and validate UI improvements.
- Maintained CI workflows, linting, and formatting standards to ensure clean, scalable frontend codebases.

● Open Source Contributor | Jun 2025 – Jul 2025

Hono-Docs Remote

Contributed to **hono-docs** — an open-source tool for auto-generating interactive API documentation from typed routes.

- Authored package documentation, usage examples, and a quick-start guide to improve onboarding and adoption.
- Developed demo frontend examples & live docs pages to showcase integrations.
- Published the package to NPM and supported contributors via issue triage and PR reviews.

Personal Projects

- **RayAuth**

  OAuth2 + OpenID Connect authentication provider (React/Next.js frontend, Node.js backend).

  - Developed secure token-based authentication flows with JWT and OAuth2.
  - Improved authentication latency by 15% through API and client-side optimization.
- **Jenkins-AWS Pipeline**

  CI/CD workflow with tag-based deployments to AWS EC2 & ECR via Jenkins.

  - Automated deployment pipeline that reduced release cycles by 40%.
  - Integrated automated tests and rollback mechanisms to improve release reliability.
- **Busmate**

  Real-time college bus tracking (React Native mobile + React web dashboard).

  - Implemented real-time location updates with WebSockets for 200+ students.
  - Built a responsive React dashboard with live map integration and offline fallback for poor networks.
- **Ray**

  CLI tool for encrypted credential & snippet management.

  - Secured developer credentials with AES encryption.
  - Improved developer productivity by enabling quick snippet retrieval via CLI.

Educations

Bachelor of Science in Information Technology Nov 2022 - Jul 2026 (Pursuing)

Malwa Institute Of Science & Technology

RGPV University

Higher Secondary (12th Grade) Jun 2020 - Sep 2021

Ever Green English H.S. School

Indore, MP