

RAHUL CHOURASIYA

SOFTWARE DEVELOPER



Summary

Full Stack Developer with **3+ years of experience** delivering end-to-end web applications using **React / Next.js** and **Node.js / Express**. Skilled in **TypeScript**, database design (PostgreSQL, MongoDB), authentication (OAuth2 / OIDC / JWT), and building CI/CD pipelines for automated, reliable deployments. Experienced in **performance optimization, zero-downtime rollout strategies, observability**, and collaborating across design, product, and DevOps teams to ship high-quality features.

Skills

Expert

React.js & Next.js (SSR, SSG, ISR, API Routes) Node.js & Express.js
TypeScript REST & GraphQL APIs
State Management (Redux, Zustand, React Query)
Semantic HTML, CSS3, Tailwind CSS
Responsive Design & Accessibility
Database Design (Postgres, MongoDB)
Version Control (Git, GitHub/GitLab)
Testing (Jest, React Testing Library, Supertest)

Proficient

Docker & Docker Compose CI/CD (Jenkins, GitHub Actions)
Authentication (OAuth2, OIDC, JWT) Caching (Redis)
Observability (logging, Sentry, Prometheus basics)
Performance Optimization (LCP, TTI, bundle splitting)
Progressive Web Apps (PWA) Code Reviews & Mentorship
Security Best Practices (OWASP fundamentals)

Familiar

Python AWS (EC2, S3, ECR)
ECR / ECS basics
Prisma / Mongoose
Kubernetes (basic)
Terraform (basic)
Message Queues (RabbitMQ)
Load Testing (k6)

Experience

● Full Stack MERN Developer | Dec 2024 - Jun 2025

On-site

ITSoftLab

Built full-stack features for **Mediscan Super Admin** — an appointment and payment management platform used across multiple branches.

- Owned end-to-end feature delivery: implemented React/Next.js UI, Node/Express APIs, and DB schema changes for scheduling and reporting.
- Reduced page load time by 30% via SSR, code-splitting, and asset optimization, improving user satisfaction and retention.
- Designed and implemented secure payment integration with Razorpay and RBAC-based access control to improve transactional safety.
- Reduced API response time by 25% using query optimization and Redis caching for hot endpoints.
- Authored API docs, component usage guides, and onboarding docs to shorten developer ramp-up time by ~25%.
- Introduced CI pipelines and automated tests to catch regressions earlier and streamline deployments.
- Led code reviews, mentored junior developers, and ran debugging to improve reliability.

● Full Stack Developer | Jan 2023 - Jun 2024

Remote

GoRack

Delivered multiple client platforms, building both frontend and backend systems for **IDCOLAB**, **NOON**, and **Replenish MD**.

- Built responsive SPAs and server-rendered pages with React and Next.js, increasing organic traffic by 40% through SEO improvements.
- Implemented audio/video streaming integrations and 3D viewer embedding, improving media performance and reliability.
- Designed and maintained REST and GraphQL APIs, reducing client-side over-fetching and improving developer ergonomics.
- Built CI/CD workflows and automated deployments, reducing release time by ~40% and enabling safer rollbacks.
- Implemented monitoring hooks and logging to improve debugability and reduce mean time to resolution (MTTR).
- Collaborated closely with product and design teams to iterate on UX and deliver MVPs quickly in Agile sprints.
- Participated in architectural discussions and helped standardize component patterns and API contracts across projects.

● Open Source Contributor | Jun 2025 - Jul 2025

Remote

Hono-Docs

Created **hono-docs** — tooling that auto-generates OpenAPI JSON from Hono.js routes.

- Built typed route parser and CI checks to validate generated OpenAPI outputs.
- Published package, wrote docs and examples, and supported adoption by other developers.
- Added demo integrations and test suites to ensure reliability of generated docs across use-cases.

Personal Projects

● RayAuth

OAuth2 + OpenID Connect authentication provider (Next.js frontend, Node.js backend).
CI/CD pipeline enabling tag-based deployments to AWS EC2 & ECR via Jenkins.

- Designed and implemented OAuth2/OIDC flows, JWT lifecycle, and secure session handling.
- Optimized authentication latency by 15% and provided SDK snippets for easy client integration.
- Documented integration steps and created sample apps for quicker adoption.

● Jenkins-AWS Pipeline

- Automated build, test, and deploy stages to enable continuous deployment workflows.
- Implemented health checks and rollback strategies to minimize production downtime during releases.

● Busmate

Real-time bus tracking system (React Native mobile + Next.js web dashboard).
• Implemented WebSocket-based real-time updates and a responsive web dashboard used by 200+ students.
• Built offline fallbacks and map optimizations for improved reliability on flaky networks.

● Ray (CLI)

CLI tool for encrypted credential & snippet management.

- Secured developer credentials using AES encryption and automated publish workflows.
- Maintained test suites and release automation for consistent package quality.

Educations

Bachelor of Science in Information Technology

Malwa Institute Of Science & Technology
RGPV University

Nov 2022 - Jul 2026 (Pursuing)

Higher Secondary (12th Grade)

Ever Green English H.S. School
Indore, MP

Jun 2020 - Sep 2021