

Rithika Chowta

+91-8861498275 | rithika.chowta08@gmail.com | [LinkedIn](#) | [Portfolio](#)

SUMMARY

Senior Frontend Developer with 6+ years of experience designing and developing scalable, responsive and cross-browser compatible web applications using React.js, Next.js, TypeScript and modern JavaScript (ES6+). Adept at building pixel-perfect UIs, optimizing performance and collaborating in cross-functional agile teams. Proven success in reducing page load times, API costs and content deployment bottlenecks. Strong focus on accessibility, code quality and delivering maintainable solutions in fast-paced environments.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python

Frameworks and Libraries: React.js, Next.js, Node.js, Redux, Tailwind CSS, Bootstrap, React Query, Jest, Storybook

Concepts: Component-based architecture, SSR/SSG, SPA, REST APIs, DOM manipulation, Web performance optimization, Responsive design, Accessibility, CI/CD pipelines, Agile (Scrum)

Developer Tools: VS Code, Chrome DevTools, Postman, Figma, Jira, Git, Webpack, npm, yarn

PROFESSIONAL EXPERIENCE

Senior Frontend Developer

Mar 2022 – Mar 2025

Byjus'

Bengaluru, India

- Developed 50+ GSAP-powered animations for BTLA AutoSolver, enhancing interactivity and comprehension of complex math problems for 200K+ student users.
- Led frontend architecture and implementation of the US Math Pages, using component-based architecture and server-side rendering (SSR) with Next.js, enabling seamless single-page scrolling of educational content; reduced bounce rate by 20%.
- Designed and shipped a no-code content editor for US Math Pages, reducing content deployment time by 70% and empowering 25+ non-technical team members to publish math pages independently.
- Revamped GeoGebra website using Next.js and TypeScript, achieving LCP under 2 seconds on all major pages and improving Core Web Vitals across the board.
- Migrated Wiz AI tutor to a streaming API model, cutting average response time by 30 seconds and significantly improving perceived latency and user engagement.

Senior Software Engineer

Sep 2019 – Jan 2022

Locus.sh

Bengaluru, India

- Spearheaded the revamp of the real-time tracking dashboard, using React, Redux for state management, building 70% of the frontend from scratch; improved usability scores by 30% in user feedback surveys.
- Refactored Google Maps integration to reduce API calls, reducing API billing costs by 60%.
- Built a live tracking interface for end customers, increasing customer transparency and support efficiency; integrated live updates for pickup, drop-off and rider locations.

Software Engineer

Aug 2018 – Sep 2019

YML

Bengaluru, India

- Built TEKagogo, a multi-role web platform for coordinating medical technician services; implemented role-based dashboards and secure access for dentists, admins and technicians.
- Implemented a monorepo architecture using Lerna, enabling shared UI component reuse and decreasing development redundancy.
- Engineered a real-time chat system between dentists and technicians from scratch using Firebase Realtime Database, enabling instant communication and faster issue resolution.
- Published reusable chat architecture as an open-source NPM package with over 1500 downloads, promoting community adoption and demonstrating scalable frontend patterns.
- Recognized with YML Shining Star quarterly award (Oct - Dec 2018)

EDUCATION

NMAM Institute of Technology

Karkala, India

Bachelor of Engineering in Computer Science (CGPA: 9.1)

Sep 2014 – May 2018