

Rithika Chowta

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SUMMARY

Software engineer with 6+ years of experience in ReactJS, NextJS, NodeJS, Vanilla JavaScript, DOM manipulation, HTML and CSS. Experienced in architecting performant applications, taking end-to-end ownership of tasks from development to production. Proven ability in leading and mentoring teams. Experienced in agile methodologies and Scrum. Startup mentality and a high willingness to learn with a growth mindset. Experienced in developing stable and performant software at scale.

EDUCATION

NMAM Institute of Technology

Bachelor of Engineering in Computer Science (CGPA: 9.1)

Karkala, India

Sep 2014 – May 2018

TECHNICAL SKILLS

Languages: JavaScript, Python, HTML, CSS

Frameworks: React, Next.js, Node.js, Flask

Developer Tools: Git, Webpack, TypeScript, Flow, npm, yarn

Libraries: TailwindCSS, Bootstrap, Jest, Storybook, React Query, Redux

EXPERIENCE

Senior Frontend Developer

Byjus'

Mar 2022 – Mar 2025

Bengaluru, India

- Worked on BTLA AutoSolver, an automated mathematical problem solver using GSAP, building over 50+ animations for complex mathematical problems.
- Led the Byjus' US Math pages project, a website to display mathematical concepts in single-page scrolling format.
- Developed a no-code editor enabling the content team to create dynamic math pages efficiently, reducing reliance on engineering support.
- Revamped GeoGebra website to a NextJS + TypeScript project, achieving LCP below 2 seconds in every page, improving performance and user experience.
- Ported existing implementation of Byjus' Wiz AI - an AI conversational tutor - to a streaming model and improved API response time by 70%

Senior Software Engineer

Locus.sh

Sep 2019 – Jan 2022

Bengaluru, India

- Led the redesign and revamp of the live tracking platform, working on over 70% of screens and features being introduced in the new version, enhancing user experience and functionality.
- Revamped implementation of Google Maps module across the dashboard to reduce billing costs on Maps API by almost 60%, optimizing application performance.
- Developed a real-time, shareable tracking interface for customers, displaying live updates of pickup, drop-off, and rider locations.

Software Engineer

YML

Aug 2018 – Sep 2019

Bengaluru, India

- Developed TEKagogo, a multi-role web application enabling doctors to book technicians for medical equipment repairs, with tailored login experiences for doctors, technicians, and admins.
- Implemented a monorepo architecture with Lerna, featuring a private shared UI component library for consistent and efficient cross-package development.
- Engineered a real-time chat system between doctors and technicians from scratch using Firebase Realtime Database, enabling instant communication and faster issue resolution. Published the reusable architecture of this feature as an open-source NPM package to support community adoption.