RITHIKA CHOWTA

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SUMMARY

Software engineer with **6+** years of experience in ReactJS, NextJS, JavasScript, HTML and CSS, experienced in architecting and developing **responsive**, **performant**, highly **optimized** feature-rich web applications. Team player experienced in leading and mentoring teams.

EDUCATION

Bachelor of Engineering (Computer Science), NMAM Institute of Technology, Karkala   Sep 2014 - May 2018
CGPA: 9.1

SKILLS

- Programming languages: JavaScript, Python
- Frontend libraries: ReactJS, NextJS
- Backend libraries: Flask, ExpressJS
- Styling: CSS, TailwindCSS, SASS, CSS modules
- Tooling: Webpack, TypeScript, Flow, npm, yarn
- Other: Jest, Storybook, React Query

EXPERIENCE

Senior Frontend Developer   Mar 2022 - Feb 2025
Byjus', Bengaluru

- Worked on BTLA AutoSolver, an automated mathematical problem solver using GSAP, building over 50+ animations for complex mathematical problems.
- Worked on the complete revamp of GeoGebra website to a **NextJS + TypeScript** project, achieving LCP below **2 seconds** in every page.
- Worked on Byjus' **Wiz AI** - An AI conversational tutor for answering students' questions. Ported existing implementation of the LLM caller API to a streaming model and improved API response time by **70%**.

Technology: NextJS, ReactJS, TypeScript, Python (Flask), MongoDB, Redis

Senior Software Engineer   Sep 2019 - Jan 2022
Locus.sh, Bengaluru

- Core contributor to redesign and revamp of the live tracking platform, working on over **70%** of screens and features being introduced in the new version.
- Revamped implementation of **Google Maps** module across the dashboard to reduce billing costs on Maps API by almost **60%**.

Technology: ReactJS, Redux Thunk, SASS, Flow

Software Engineer   Aug 2018 - Sep 2019
YML, Bengaluru

- Worked on TEKagogo, an application for doctors to book technicians to repair their equipment.
- The project used **monorepo** architecture, with a private library for shared UI components.
- Implemented **real-time chat** from scratch using Firebase RTDB.

Technology: ReactJS, Redux Saga, SASS, Bootstrap