

RAHUL HIRANI

Frontend Developer

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Experienced Senior Frontend Engineer with 8+ years of expertise in HTML, CSS, JavaScript and ReactJS. Specializes in building scalable, high-performance web applications and optimizing frontend architectures for large-scale platforms.

SKILLS

- HTML, CSS and JavaScript
- Data Structures and Algorithms
- TypeScript
- ReactJS with Redux
- NodeJS with ExpressJS
- CI/CD Performance Optimization

EXPERIENCE

Atlassian, Bengaluru | Senior Frontend Engineer – UI Platform | Aug 2022 – Present

- Build and maintain monorepo tooling and infrastructure to support 2K+ frontend developers across the company, improving scalability and developer experience.
- Implemented Facts Map, a dependency-based CI optimization package that reduced build time by 40%, saving 5 engineering years.
- Led the upgrade of Yarn from v1 to Yarn Berry, optimizing package management and overall build performance, saving 81 build hours per week.
- Led the ESLint migration to Flat Config and Node upgrade to v20 for Jira,streamlining development workflows.
- Optimized unit test execution across the monorepo, reducing test runtime from ~55s to <15s for n=50, improving CI efficiency and developer experience.

Walmart Global Tech, Bengaluru | Frontend Engineering Lead | June 2020 – July 2022

- **Led the Front-End Development team** for Jasper - An IoT Solution to manage assets and provide proper maintenance (Asset telemetry, Work Order Management, Alert Detection and Diagnostics), saving Walmart \$24 million annually.
- Led the migration of the applications from Monolith to MicroFrontEnd.
- Owned the stages from development to deployment of the UI - Feature Development, CI/CD, Quality checks.

Tricog Health Services, Bengaluru | Full Stack Engineer | Jan 2020 – May 2020

- Developed a Single Page Application enabling doctors to efficiently diagnose ECG, Treadmill, and Spirometry reports, improving early detection of cardiac arrest warning signs.
- Collaborated with the business team to refine requirements and enhance product quality.

Lowe's, Bengaluru | Frontend Developer | October 2017 – Jan 2020

- Worked on the design and development of Cart and Checkout for lowes.com.
- Architected Web and API frameworks with NodeJS and HapiJS.

Wipro Technologies, Hyderabad | Frontend Developer | Dec. 2016 – Sept. 2017

- Enhanced the existing Tyre Processing System application for Michelin (client) and maintained a 95% satisfaction score.
- Collaborated closely with designers to achieve high usability scores.

PERSONAL PROJECTS

Search Dependencies - VSCode Extension

Developed a VSCode extension to easily locate which packages in a monorepo and project workspace are using a specific dependency

<https://marketplace.visualstudio.com/items?itemName=RahulHirani.search-dependencies>

Portfolio Website

A minimalist, responsive portfolio website for creatives with smooth animations and an interactive project showcase.

<https://rahulhirani.github.io>

EDUCATION

BACHELOR OF TECHNOLOGY, COMPUTER SCIENCE

ITM UNIVERSITY, GWALIOR (2012 – 2016)

CGPA: 8.25/10

President of Programming Community

AWARDS AND ACCOLADES

2022 – 2024 | Multiple Kudos | Atlassian

2021 – 2022 | Walmart Rookie of the Year | Walmart

2018 – 2020 | Multiple Spot Awards | Lowe's

2017 – 2018 | Best Junior Developer | Wipro