

# Rishabh Tyagi

Frontend Developer

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Results-driven frontend software engineer with 7 years of experience in the software industry, specializing in React and its ecosystem. Skilled in developing complex B2B web applications and experienced in leading teams, Agile methodologies, and Scrum practices. Proven track record of contributing to projects for both small startups and large enterprises.

## Skills

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- **Languages:** JavaScript, TypeScript, CSS, HTML.
- **React tools:** React.js, Next.js, NextAuth.js, Redux.
- **Testing Frameworks:** React Testing Library, Jest.
- **Build and Deployment Tools:** Webpack, Vite.
- **Node tools:** Node.js, Express.js.
- **Others:** GraphQL, Tailwind, Git, Babylon.js, Contentful CMS, ImageKit DAM, Mapbox.

## Work History

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2021-08 - Current

### Senior Software Engineer

*Velotio Technologies, Pune, India (Remote)*

- Collaborating with **Netflix teams** for the past 3 years, contributing to the development of two complex B2B applications.
- Acquired a deep understanding of how large enterprises like Netflix structure their **development and deployment cycles**, emphasizing streamlined processes and enterprise-grade principles.
- Implemented **Config-Driven UI**, enabling dynamic and flexible user interfaces.
- Applied **network optimization strategies**, including **resource hinting** (preconnect, DNS-prefetch, preload), **resource hint priority**, and **lazy loading** to enhance application efficiency.
- **Enhanced Core Web Vitals** (LCP, FID, CLS) by optimizing rendering performance, reducing JavaScript execution time, and implementing efficient asset loading strategies.
- Rendered and integrated an **interactive 3D models using Babylon.js**, enabling dynamic user interactions like zoom, rotate, and real-time updates to enhance functionality and visual appeal.
- Leading a team of 5 frontend developers on Netflix projects, ensuring highquality deliverables aligned with enterprise standards.

2020-04 - 2021-08

## React Developer

*Adapt Ready, Bengaluru, India (Remote)*

- Developed scalable and efficient **GraphQL APIs**, optimizing data retrieval and boosting application performance.
- Optimized application performance through **caching techniques**, reducing load times and improving user experience.
- Integrated **Mapbox** with advanced interactive features, significantly enhancing application usability and user experience.
- Improved build performance by implementing **build optimization techniques**, reducing bundle size and load time.
- Maintained expertise in **React state management strategies**, ensuring efficient and predictable application behavior.

2018-02 - 2020-04

## Front End Developer

*Exa Ag, Bengaluru, India*

- Improved website **accessibility** by implementing best practices for ADA compliance.
- Collaborated with UX/UI designers to translate visual concepts into functional and dynamic web pages, ensuring alignment with brand standards and user expectations.
- Optimized site content for mobile devices using **responsive design** techniques.
- Worked closely with UX/UI designers to translate their designs into functional web applications.

## Education

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2013-08 - 2017-05

## B.Tech: Computer Science

*AIACTR(NSUT EAST CAMPUS) - New Delhi, India*