

# Rajesh Krishna

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## Skills

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**Frontend:** React, Redux, HTML5, CSS/SASS, JavaScript, TypeScript, Jest, StoryBook, tanStack.

**Backend:** NodeJs, ExpressJs, MongoDB.

**Other Tools/libraries:** Adobe Suite, Webpack, Babel, Vite, Git.

## Experience

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**Frontend Software Engineer - React,** Athenahealth – Bangalore

Jul 2022 – Present

- Contributed to a highly scalable React web application with server-side rendering(SSR) integrated with Drupal CMS, increasing user engagement by **30%** and Elevating overall customer satisfaction.
- Enhanced forms using **Formik**, boosted submission rate to 0.7, where 1 represents industry standard.
- Architected and implemented **RESTful APIs** for form submissions and content moderation (profanity), enhancing system scalability and reducing inappropriate content by **95%**.
- Built **20+** reusable React components, streamlining the development process and ensuring consistency.
- Led a comprehensive navigation overhaul, improving user interaction rates by **100%**.
- Achieved an **85 Lighthouse** score by optimizing image formats, managing states efficiently, and implementing lazy loading, code splitting, and reducing cumulative layout shift.
- Executed event tracking with **Adobe Analytics** vanilla **JS**, capturing data from 500,000 unique visitors, and customized Adobe Target activities, amplified clicks on banners and CTAs by **50%**.
- Specialized in responsive User Interface, cross-browser compatibility, and **Figma** collaboration, having transformed **50+ frames** into components.
- Engaged in **Agile processes**, contributing to sprint planning, daily stand-ups, and served as a Scrum Master.

**Intern,** Athenahealth – Bangalore

Jan 2022 - Jun 2022

- Developed and executed **automation** scripts in Java/Selenium, covering 70% of the site.
- Transitioned to a web development role, beginning with **bug fixes** (20+) and steadily increasing contribution.

## Projects

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### Steamer

[Github URL](#)

- **Engineered** a gaming platform using Steam **OpenID** authorization to redefine User interactions.
- Developed a **robust state management** system with Redux and TanStack Query, optimizing performance.
- Enhanced UI engagement with **Tailwind** CSS while ensuring quality through rigorous testing with **Jest**.
- React | TypeScript | Redux | Vite | Storybook | Jest | TanStack Query.

### React Flow Node playground

[Live URL](#)

- Implemented modular **node abstraction** and combined it with **python FastAPI** for graph analysis.
- Cut **code redundancy** by **40%**, improved performance by 30%, and handled graphs with 10+ nodes.
- **Implemented Progressive Web App (PWA)** by integrating a custom service worker for offline use.
- React | Zustand | TanStack | SCSS | Python.

## Education

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**Sri Krishna College Of Engineering and Technology** – B.Tech in Information Technology May 2018 - May 2022