RAGHAVA JAGANNATHAM

Software Engineer

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CAREER SUMMARY

Frontend Software Engineer with **3+ years of experience** in building **scalable, high-performance web applications** using **React, Next.js, and TypeScript**. Passionate about **delivering clean, maintainable code**, enhancing **user experience**, and optimizing **application performance**. Proven ability to **collaborate cross-functionally**, mentor junior developers, and drive impactful solutions in fast-paced environments.

TECHNICAL SKILLS

- **Frontend Development**: React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Material-UI
- **State Management**: Redux, Context API
- **Performance Optimization**: Code Splitting, Lazy Loading, Memoization
- **Testing & Debugging**: Jest, React Testing Library, Cypress, Chrome DevTools
- **Backend Knowledge**: Node.js, MongoDB (MERN stack integration)
- **Version Control & CI/CD**: Git, GitHub, GitHub Actions

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER | Co-Founder | CMUNITY | Hyderabad, India   July 2024 – present
- **Designed and developed a community-based social networking app to connect local neighbors.**
- **Built user authentication, messaging, and community posts using React.js, Node.js, Express, and MongoDB.**
- **Implemented real-time updates and notifications for seamless interaction.**
- **Developed a secure backend API with authentication and role-based access control.**

SOFTWARE ENGINEER | DP World | Hyderabad, India   Dec 2023 – June 2024
- Led front-end development with **Next.js 14 and TypeScript**, reducing time-to-market for new features by **15%**.
- Enhanced UI consistency and responsiveness using **Tailwind CSS**, improving **user satisfaction scores by 25%**.
- Implemented **performance optimization** strategies, improving page load times by **20%**.
- Mentored **junior developers**, increasing team efficiency and modern tech adoption.

FRONTEND DEVELOPER | QR Solutions | Remote   Jan 2022 – Dec 2023
- Built and launched responsive web applications with **Next.js and Redux**, boosting **user engagement by 30%**.
- Designed reusable **UI components** with **Tailwind CSS & Material-UI**, cutting feature development time by **40%**.
- Conducted **A/B testing**, leading to a **15% improvement** in user retention and engagement.
- Automated front-end testing using **Cypress**, reducing **QA time by 40%**.

PROJECTS

Chatify *(Real-time Chat Application)*
- Built a **real-time chat app** using **Next.js, Redux, and Material-UI**.
- Improved **user retention by 15%** with instant messaging and image-sharing features.   🔗 **Live Demo**

Community App *(Social Platform Local Engagement)*
- Developed a **community-driven app** using **Next.js, Redux, and TypeScript** to enhance local networking.
- Improved **user engagement by 35%** through interactive features and a seamless UI/UX.   **Live demo**

PUBLICATIONS AND CERTIFICATIONS

- **Published Machine Learning for Web Performance Optimization** in the International Journal of Scientific Research in Engineering and Management (IJSREM). 🔗 Read Here
- **Responsive Web Design** Certification by *FreeCodeCamp.Org*
- **React Developer Professional Certificate** from *Tutor Code*

EDUCATION

BACHELOR'S DEGREE | Computer Science | BITS   2018 – 2022