

Rahul Sharma

Senior Frontend Developer

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PROFESSIONAL SUMMARY

Front-End Developer with overall **5 years** of experience building responsive and user-focused web applications using **JavaScript, React.js, Next.js, and Node.js**. Skilled in creating clean, maintainable code and intuitive UI components. Experienced in collaborating with design and backend teams to deliver high-quality, performance-optimized solutions.

TECHNICAL SKILLS

- Frontend:** React.js, Next.js, Vue.js, RxJS, Redux, TypeScript, JavaScript (ES6+), HTML5, CSS3, Tailwind, Material UI, PWA, Microfrontend
- Backend:** Node.js, Express.js, RESTful APIs, GraphQL, JWT
- Databases:** MongoDB, Firestore, MySQL
- Testing:** Jest, React Testing Library
- Data Visualization:** MUI-X Charts, Recharts, D3.js
- Performance Optimization:** Webpack, Babel, Akamai CDN, Lighthouse Audits, Lazy Loading, SSR, Performance Profiling, Web Vitals
- Tools & Analytics:** Google Analytics, Mixpanel, Postman, Git, GitHub, Webpack, Babel, Vite, NPM, Yarn
- DevOps/CI/CD/Cloud:** GitHub Actions, AWS Amplify, Cloudfront, Vercel, AWS services
- Other:** Agile/Scrum, Figma, Web-sockets, SEO Optimization, Responsive Design

PROFESSIONAL EXPERIENCE

RWS Group

Dec 2020 - Present | Indore, India

- Developed and enhanced OTT engagement features for major clients including **Jio Cinema** and **VOOT**, reaching over **10M+ users**.
- Built and **optimized responsive UI components** using React.js, ensuring consistent performance across web, tablet, and mobile platforms.
- Collaborated with design and product teams to revamp key user flows, leading to a **15% boost in average session duration**.
- Worked in **Agile sprints**, delivering **high-impact features** on time while maintaining **high code quality**.
- Contributed to a **15% increase in viewer engagement** through implementation of personalized content and **interactive screens**.
- Improved OTT web app performance scores by **20%** using advanced **React optimizations**.

PROJECTS

Fanverse

- Led front-end development of a **virtual mobile device experience** on the Jio Cinema platform, increasing user engagement by **25%**.
- Enhanced **Next.js server-side rendering (SSR)**, reducing page load time by **25%** and improving TTI by **20%**.
- Developed interactive features for live show contestants, boosting viewer participation and driving **millions of user interactions**.
- Improved **Core Web Vitals** by optimizing asset loading strategies, achieving a **20%** increase in Lighthouse performance scores.
- Implemented **code-splitting** and **lazy loading**, reducing JS bundle size by **30%** and significantly enhancing **FCP** and **LCP** metrics.

ElectionsWidget

- Engineered an interactive election widget for **NEWS18**, showcasing **real-time voting trends** using live charts, graphs, and data tables.
- Elevated viewer engagement by integrating dynamic visual elements, resulting in a **30% uplift in average session duration**.
- Optimized backend communication with streamlined **API polling and data sync**, decreasing refresh latency by **20%**.
- Revamped UI for clearer results display and contributing to increased **user participation** during national voting events.

Sports Engagement

- Built a dedicated **cricket module** for Jio Cinema, powering like **IPL, WPL, and World Cups**, engaging over **10M+ concurrent viewers**.
- Enhanced live event coverage by optimizing **real-time score delivery**, leading to a **20% boost in active user interaction** during matches.
- Redesigned cross-platform layouts and interactions, driving a **15% rise in user retention** throughout tournament seasons.
- Integrated match timelines, scorecards, and player stats using **web sockets and caching strategies** to ensure seamless real-time updates.

VOOT Interactivity

- Managed **voting, quizzes, and predictions** for shows like **Big Boss** and **Big Picture** on VOOT, increasing user participation by **30%**.
- Developed **interactive features** to engage users in real-time during live shows, contributing to a **20% boost in app session duration**.
- Optimized React rendering and component structure, reducing **initial response times by 25%** during peak traffic.
- Integrated gamified elements, improving engagement and contributing to a **15% rise in daily active users** during airing period.

ACHIEVEMENTS

- Received the **Crown of the Fortnight** for excellence in project work.
- Javascript programming, Advanced react and Frontend development** certificates from **Meta**
- Awarded LinkedIn Skill Badges for JavaScript, React.js, Node.js, REST APIs, and HTML.

EDUCATION

Integrated **M.Tech** in **IT** from International Institute of Professional Studies, DAVV
Grade: **A**

July 2015 - Feb 2021 | Indore, India