

Kanishk Saini

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Profile Summary

Front-end Engineer with 3+ years in designing and developing scalable, high-performance web applications. Proficient in **Angular** and **React**, with a strong focus on **component design patterns**, **modern architecture** (Redux, NgRx, RxJS), and **performance tuning**. Adept at leading technical initiatives, guiding junior developers, and collaborating within **Agile** teams to deliver innovative solutions.

Experience

Software Engineer, QiO Technologies - Pune

June 2021 – Present

Data Visualization

- Designed a **code-free interface for 50+ widgets**, increasing usage by 30% and enabling users to create over 10,000 visualizations in half the usual time.
- Pioneered **interactive dashboards** that improved big data analytics by 60% for **2,000+ users**, enabling real-time insights and enhancing decision-making efficiency

Data Uploads

- Engineered a **file upload component** that **increased upload speed by 40%** and **reduced failures by 30%**, resulting in the management of over **500 daily uploads** with higher stability
- Revamped error handling mechanisms that led to **95% successful upload recoveries**, improving user satisfaction by 15% and minimizing downtime during network issues

Platform Performance Enhancements

- Enhanced platform performance by **introducing caching and lazy loading strategies**, resulting in a **30% improvement** in load times from **6 seconds to 2.5 seconds**, boosting user satisfaction
- Integrated **React components** into the **Angular framework**, leveraging both technologies to create a seamless interface that enhanced user engagement by 15% and **reduced page load** times by 30%
- Drove **architectural decisions** and **debugging** efforts that optimized platform reliability for **99% uptime**, which **reduced incident reports** by 40% for **2,000+ users** and fortified overall user trust in the system

Team Leadership and Collaboration

- Drove sprint planning, daily stand-ups, and retrospectives, enhancing **team collaboration** and efficiency in an **Agile development** environment.
- **Guided** junior engineers by mentoring best coding practices and conducting regular peer code reviews, and unit testing ensuring the delivery of high-quality code

Skills

Web technologies: Angular, React, Redux, NgRx, RxJS, JavaScript, TypeScript, HTML5, CSS3, TailwindCSS

Backend & Devops: Node.js, Express.js, MongoDB, Git, CI/CD Pipelines, Jenkins

Testing Tools: Jasmine, Jest, ESLint

Agile Tools: Jira, Confluence

UI Libraries: Ant Design, Material UI (MUI)

Projects

Xpensio | MongoDB, Express.js, React, Node.js

August 2021 – Present

- Constructed a **MERN-based expense tracking application** with advanced reporting features, improving user transaction logging efficiency by 30% and providing **actionable insights** into savings and spending patterns
- Integrated user-friendly data visualization tools that boosted engagement by 25%, offering detailed financial overviews and trend analysis

Education

University of Pune, M.Sc. in Computer Science

August 2019 – June 2021

University of Delhi, B.Sc. in Mathematics

July 2015 – June 2018