Pratik Raghunath Fuse

in pratik-fuse-336b84157   ✆ +91 8830237551   🌐 Portfolio   ✉ pratikfuse20@gmail.com

Professional Summary

Software Development Engineer with 2+ years of experience building and scaling high-impact React Native applications used by millions of users at Jio Platforms. Strong track record of delivering end-to-end features across mobile experiences, including core app modules, in-app content, and real-time chat integrations. Experienced in performance optimization, native modules integration, complex UI animations, robust API integration, and offline-first data handling through caching and error-resilient design. Hands-on exposure to AI-driven product features and reusable component development, with a collaborative, quality-focused engineering approach.

Professional Experience

Software Development Engineer I | Jio Platforms Limited   *(Oct'23 - Present)*

- Designed and developed scalable features for high-impact **React Native** applications like **MyJio** and **JioCloud** used by **millions of users.**
- Collaborated with cross-functional teams, including designers and product managers, to transform requirements into robust, user-friendly solutions.
- Optimized performance and responsiveness, identifying bottlenecks through profiling and implementing innovative solutions.
- Conducted code reviews and executed unit tests, ensuring code reliability and maintainability while adhering to Agile best practices.
- Mentored junior engineers, facilitating knowledge sharing and improving team productivity.

Projects

MyJio : For Everything Jio

- Engineered and optimized core modules including **Recharge, Recharge Search, Recharge for a Friend**, and led the **React Native Home Screen Revamp**, improving overall performance and user experience.
- Built and launched the **In-App News** feature, enhancing user engagement and content consumption.
- Developed high-performance UI interactions by implementing complex animations using **React Native Reanimated**.
- Integrated **RESTful APIs** and advanced in-house **SDKs** with strong **error-handling** and **data-caching strategies**, significantly improving app reliability and offline functionality

JioAICloud

- Developed **AI Image Generation** and **Image Editing** features with **Stickers** functionality in **React Native**, enhancing user creativity and engagement.
- Created reusable **custom components** to accelerate development and improve efficiency, including **JioImage, JioBottomSheet, JioCarousel**, and **JioDraggableSheet**.
- Collaborated with cross-functional teams to ensure **optimal performance, scalability**, and a seamless user experience across platforms.

Omni (Bharat AI: All-In-One AI Assistant

- Implemented the **Socket.IO** module to enable real-time chat functionality, ensuring a smooth and responsive user experience.
- Engineered and developed **in-chat widget integrations** for multiple domains, including **Shopping Widgets** (JioMart, Tira), **Entertainment Widgets** (JioHotstar, JioSaavan), and **Productivity Widgets** (Reminder, Meetings, Timer).
- Integrated the **MCP-UI framework** to enable seamless cross-platform content integration within Omni, including services like **JioNews**.
- Implemented **Voice-to-Voice AI interaction** using LiveKit, enhancing accessibility and natural communica tion.
- Developed **AI Image Generation** capabilities accessible through both chat and voice modes.
- Designed and developed the **Profile and Settings** module, enabling users to customize their preferences, manage personal data, and select from multiple supported **languages**.

Technical Skills

- **Programming Languages & Tools:** Javascript/Typescript, Python, Java, C/C++
- **Technologies:** React Native, Expo, ReactJS, Redux, NodeJS, ExpressJS, HTML, CSS, IOS, Git/GitHub
- **Developer Tools:** Visual Studio Code, Cursor, XCode, Android Studio, Postman

Achievements

- **Recognized as Star Performer 2024 |** *Jio Platforms Limited*   Certificate
- **5 Star Rating in Hackerrank** in Problem Solving   Certificate

Education

Batchelor of Engineering | Electrical Engineering *(2019 - 2022)*
(Progressive Education Society's Modern College Of Engineering, Pune)

Diploma | Electrical Engineering *(2016 - 2019)*
(Government Polytechnic College, Chhatrapati Sambhajinagar)