

Rishik Karanjiya

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Skills

- **Programming Languages:** JavaScript, TypeScript, Java, Python
- **Frameworks and Libraries:** React Native(CLI), Expo, React Hooks, React Navigation, Styled Components
- **State Management:** Redux, Redux-Thunk, Redux-Saga, Context API
- **Databases and Query Languages:** Firebase Firestore, Firebase Realtime Database, MongoDB, Realm

Experience

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| Software Engineer | <u>Bacancy Technology</u> | <i>Ahmedabad, GJ, India</i> | 06/2022 - Current |
| <ul style="list-style-type: none">• As a React Native Developer, I demonstrated proficiency in developing cross-platform apps using React Native, showcasing expertise in the framework's components, APIs, and libraries.• Collaborated with product and design teams to deliver intuitive, user-friendly mobile experiences, focusing on clean architecture and optimized performance.• Enhanced app functionality by integrating third-party APIs and services, contributing to critical features that improved user retention and engagement.• Demonstrated expertise in state management and code optimization, driving efficiency improvements and reducing app loading times.• Managed bug fixes, client-requested changes, and deployment of release builds on TestFlight and APKs.• My role involved active participation in Agile methodologies, collaborating with cross-functional teams to ensure effective communication and successful project delivery.• Delivered critical bug fixes and performance optimizations, consistently improving app stability and user satisfaction. | | | |
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| Android Developer-Internship | <u>Skyolane Digisolution</u> | <i>Remote</i> | 06/2021 - 11/2021 |
| <ul style="list-style-type: none">• Gained practical experience in developing Android applications under the guidance of senior developers, acquiring familiarity with the Android development ecosystem, tools, and best practices.• Participated in the design and implementation of user interfaces (UI) for Android apps, including layout design, UI components customization, and responsiveness optimization.• Gained experience in integrating RESTful APIs or other web services into Android applications to fetch data from external sources, enabling dynamic content delivery and interaction.• Demonstrated a proactive attitude towards learning and adapting to new technologies, frameworks, and development practices, seeking continuous improvement and growth throughout the internship. | | | |

Education

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| Bachelor of Engineering | <u>CHARUSAT</u> | <i>Gujarat, India</i> | 07/2018 - 05/2022 |
| <ul style="list-style-type: none">• Major in Information Technology - Score: AB | | | |

Projects

- **BMOXI**
 - **Technologies:** React Native, Firebase, Redux, Push Notifications, React Native Calendars, Twilio Video WebRTC, Track Player
 - Redesigned the entire app and implemented custom patches for the React-Native-Calendars library. Resolved issues with the video call feature and enhanced performance by reducing unnecessary rendering and adding clean-up functions.
 - Enhanced React-Native-Track-Player with new features, including forward and backward jumps.
 - **Live Links:** [Android](#), [iOS](#)
- **AVR Base**
 - **Technologies:** React Native, Firebase, Redux, Video, OneSignal, Socket.io, Maps, Mixpanel, Sendbird
 - Improved in-app notification handling and redirections, converted class-based components to functional components, and migrated JavaScript code to TypeScript. Removed unnecessary files and optimized existing code to reduce app size..
 - Added video player functionality for user-uploaded posts, worked on event post and image sharing features, and integrated Mixpanel for analytics. Implemented parallax animation for the feed header.
 - **Live Links:** [Android](#), [iOS](#)

- **GoVibin**
 - **Technologies:** React Native, Firebase, Redux Toolkit, Twilio Video WebRTC, Emoji Keyboard, Notifee
 - Developed the app from scratch, including UI design, and created chat features with firestore, image uploading and reactions. Implemented one-to-one call functionality with time limitations and managed push notifications with Notifee.
 - Designed swipe gesture animations and integrated React-Native-Twilio-Video-WebRTC for video calls.
- **AGM App**
 - **Technologies:** React Native, Biometrics, Signature Canvas, MMKV, Redux Toolkit
 - Integrated biometric authentication and added a digital signature box for server uploads. Developed dynamic forms with offline support and handled document downloads in various formats (CSV, PDF).
 - Fixed responsive issues related to orientation changes and created custom hooks for image uploading. Achieved offline support using MMKV storage.
- **iTul**
 - **Technologies:** React Native, Redux Toolkit, MMKV
 - Developed the entire app independently, including environment setup for different development stages and writing build scripts. Created a custom carousel with animations, dynamic lists based on user inputs, and custom forms with validation.

Academic Projects

- **Smart Irrigation System:**
 - Developed an application to manage farm irrigation and monitor humidity and moisture levels remotely via a mobile app.
- **Smart Parking System:**
 - Led a team to an exhibition for a startup funding competition.
 - Designed a system where LED lights guide users to designated parking spots and entry is facilitated through personalized QR codes.
- **Sign Language Detection for Deaf & Dumb:**
 - Created a real-time sign language detection method using neural networks for fingerspelling based on American Sign Language.
 - Achieved 95.7% accuracy for recognizing the 26 letters of the alphabet by filtering hand images and passing them through a classifier to predict hand gestures.

Achievements

- Achieved 1st rank in AVISHKAR TECH-EXPO 2019 for creating an innovative smart parking system.