

Vijayarahavan K

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SUMMARY

A dedicated and skilled **Mobile App Developer** with hands-on experience in building **cross-platform applications** using **React Native**. Well-versed in **state management** tools like **Redux** and **Zustand**, as well as **Firestore integration** and **TypeScript**. Experienced in optimizing **application performance**, writing **unit tests**, and maintaining clean and scalable codebases. Able to create **buttery smooth animations** for seamless user experiences. Excels in **agile environments**, consistently delivering **high-quality applications** that align with user and business requirements.

EXPERIENCE

Technology Engineer

Purpleslate

Onsite

Oct. 2022 – Present

- Developed scalable and performant mobile applications using **React Native**, ensuring seamless compatibility across **iOS and Android**.
- Integrated Firebase ecosystem (**App Distribution, Crashlytics, Cloud Messaging**) and Restful APIs to enhance app functionality.
- Wrote unit and end-to-end tests using **Jest and Detox** to ensure code stability and maintainability.
- Successfully launched **two mobile apps** on both the App Store and Play Store.
- Implemented efficient state management using **Redux and Context API** to optimize data flow.
- Collaborated closely with **QA engineers** to identify and resolve bugs quickly, delivering a **bug-free application**.

Technology Engineer Intern

Purpleslate

Onsite

May. 2022 – Oct. 2022

- Developed **cross-platform mobile applications** using **React Native, Redux**, and modern **JavaScript technologies**, ensuring **responsive and user-friendly experiences**.
- Implemented **efficient state management** using **Redux and Redux Toolkit** for **scalable and maintainable** mobile applications.
- Managed **collaborative projects** using **Git and GitHub**, maintaining a **clean and organized codebase**.
- Integrated **RESTful APIs and third-party services** to enhance app functionality, including **data fetching, authentication, and notifications**.

EDUCATION

SRM University

Master of Computer Applications

Chennai, India

July. 2023 – June. 2025

VHNSN College

Bachelor of Science in Computer Science

Virudhunagar, India

June. 2019 – July 2022

PROJECTS

Conversational AI (Real World Project)

Contributed to the **frontend development** of a **Conversational AI** system, implementing key features like **WebSocket communication, Biometric Authentication, Push Notifications**, and **smooth animations**.

Tools used: **React Native, WebSockets, Firebase, Redux, Reanimated, Lottie**.

AI Chat Bot (Real World Project)

Worked on the **mobile frontend** of an **AI Chat Bot**, implementing features like **file upload/download, real-time communication** using **WebSocket, speech-to-text and text-to-speech** integration, and **smooth animations**.

Tools used: **React Native, WebSockets, Firebase, Azure Speech SDK**.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS

Frameworks & Libraries: React Native, React, Redux, Firebase

Tools: Android Studio, Xcode, Flipper, Jest, VS Code, Detox

Version Control: Git, GitHub, GitLab, Azure Devops