

Milan Vadhel

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SKILLS

Technologies: Android, React Native

Programming Languages: Java, Kotlin, Javascript, Typescript, Xml

Development Tools: Android Studio, Xcode, VSCode, Cursor, Postman

Project management tools: Asana, Jira, GitLab, Trello, Monday

VCS: Github, Gitlab

Database: SQLite, Room

API: Rest, GraphQL

EXPERIENCE

Mindinventory

Aug 2020 – Present

Software Engineer (4.10 years of experience)

Ahmedabad, Gujarat

- Engineered cross-platform applications using **React Native CLI** and **Expo**, ensuring seamless performance across iOS and Android.
- Utilized **EAS (Expo Application Services)** for efficient app deployment and updates.
- Implemented state management solutions with **Redux Toolkit**, **Zustand**, and **Context API** for scalable and maintainable architecture.
- Optimized offline storage using **MMKV**, **Redux Persist**, and **Async Storage**, ensuring seamless data persistence and 20x times faster retrieval.
- Integrated **Thunk** and **Saga** as middleware for managing asynchronous operations with **Axios**, improving API efficiency.
- Established **CI/CD pipelines** using **GitHub Actions** and **Fastlane**, achieving 25% faster deployments.
- Applied **Test-Driven Development (TDD)** practices with **Jest**, **React Native Testing library**, **Detox** to deliver high-quality, maintainable, and reliable code.
- Developed high-performance mobile applications using **MVVM**, **Clean Architecture**, **Android Jetpack Libraries**, **Retrofit**, **RxJava**, and **Kotlin Coroutines**, **LiveData**, **Room database** reducing app crashes by 40% and improving user experience by 25%.

PROJECTS

Dating App

React Native

- Architected a dating application enabling users to find their perfect match and engage in **real-time chats**.
- Built a high-performance **bidirectional circular feed list using React Native Reanimated Carousel** with smooth scrolling and optimized rendering.
- Integrated **audio chat** with **multi-file upload/download** using a queue mechanism; rapidly developed using **Cursor AI IDE** for bug-free implementation.
- Implemented **selfie verification** using **Amazon Rekognition Face Compare API** for secure identity validation.
- Enabled **AI-driven content moderation** using **Hive AI** with parallel processing to detect and prevent abusive content.
- Configured **CI/CD pipeline** using **Expo EAS** for seamless **OTA (Over-The-Air) updates**.

Educational App

React Native

- Built an educational app guiding entrepreneurs from idea to IPO.
- Designed responsive layouts using **Flexbox** that supported diverse screen types.
- Integrated **React Native CodePush** to streamline deployment and reduce delivery time by **90%**.

Food Ordering App

Android

- Engineered a tiffin service app offering **subscription and daily meal plans**, tailored for students in job cities.
- Adapted **Google Places SDK** to ensure accurate location-based meal deliveries, improving delivery efficiency by **25%**.
- Implemented a secure payment module using **Razorpay**, increasing payment success rates by **30%**.

Driver App | Warehouse App

Android

- Made a driver app to optimize product deliveries by requiring drivers to accept orders within **30 seconds**.
- Worked with **Google Location SDK** for live location tracking, ensuring precise delivery updates.
- Handled real-time voice communication using **Sendbird SDK** to enhance driver coordination.

EDUCATION

Gujarat Tech. University

2016 - 2020

Bachelor of Engineering (CSE)

Ahmedabad, Gujarat