

# Vasanth Adabala

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## SUMMARY

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Experienced Mobile Application Developer with expertise in building and scaling mobile applications using Android (Native) and React Native. Skilled in crafting user-friendly interfaces and optimizing app performance, with a strong focus on UI/UX design. Proven ability to deliver high-quality, responsive, and feature-rich mobile solutions that meet diverse business needs.

## WORK EXPERIENCE

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### Mobile Application Developer(Unosis IT Solutions Pvt Ltd)

- Successfully developed a garbage collection tracking app, streamlining the process of tracking collector time and capturing photo and audio feedback of waste collected.
- Developed apps catering to diverse user needs utilizing Ktor, RoomDatabase, MVVM, Coroutines, Livedata, and Navigation component.
- Worked on a cross-platform React Native app, ensuring seamless performance and user experience across both iOS and Android.
- Implemented real-time data synchronization and push notifications, enhancing the app's responsiveness and user engagement.
- Adapted project deliverables to meet client specifications and evolving requirements, ensuring alignment with their vision and exceeding expectations.
- Assisted senior developers throughout the project lifecycle, contributing to the successful completion of tasks and the overall project objectives.
- Contributed to cross-platform mobile app projects using React Native, focusing on performance optimization and seamless user experience.

## PROJECTS

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### Spacee Gemini(AI-powered assistant)

[Link](#)

- Successfully developed an AI chatbot using the Gemini AI API, leveraging its advanced capabilities to enhance user interaction and engagement.
- Developed the UI using Jetpack Compose and Kotlin, ensuring a modern and responsive design.
- Followed the MVVM architecture pattern to maintain a clean and scalable codebase.
- Utilized Ktor for efficient data fetching, enabling seamless communication with the backend.
- Integrated multiple chat features, including single chat, multi-chat, and image-to-chat functionalities, offering a versatile user experience.
- Achieved a high level of user satisfaction through intuitive design and robust performance.

### Garbage Collection Tracking

[Link](#)

- Developed a Garbage Collection Tracking App using Kotlin and Jetpack Compose, implementing Material Design principles for a clean and responsive UI.
- Integrated Ktor for API communication to fetch real-time data and Firebase for authentication, ensuring secure and reliable user management.
- Implemented QR code scanning using ZXing library to accurately track garbage collectors and support user inputs for waste segregation options with image and voice feedback.
- Enhanced user experience by incorporating features for service rating and complaint submission, facilitating customer feedback and improving service quality.

### Ridez App

[Link](#)

- Contribution to the development of Ridez, an app for bicycle riders offering multiple services, by improving the app's performance and design using Jetpack Compose and Kotlin.
- Integrated Retrofit, Firebase, and Deep Links to ensure smooth communication with external services.
- Worked within an MVVM architecture and utilized Paging3 for efficient data handling, collaborating closely with the team throughout the development process.

## Little Lemon

Link

- Developed a comprehensive restaurant app using Jetpack Compose and Kotlin for the UI, creating a visually appealing and user-friendly interface.
- Implemented data fetching using Ktor to retrieve real-time menu updates from the backend, ensuring that users always have access to the latest offerings.
- Integrated a table booking feature, allowing users to reserve tables directly through the app, enhancing the dining experience.
- Streamlined the ordering process with online ordering capabilities, improving customer convenience and satisfaction.

## SKILLS

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<b>Programming Languages:</b>	Kotlin, Javascript, Python, C++, C
<b>Android Development:</b>	Jetpack Compose, Material Design, Shared Preferences, Coroutines, Live Data, Flow, Ktor, Retrofit, Paging, RoomDatabase, MVVM, Glide, RestApi, Dependency Injection, Zxing, Push Notifications, Coil
<b>Web Development:</b>	HTML, CSS, React, BootStrap
<b>Cross Platform:</b>	React Native, Redux, FetchApi, Axois, Async-Storage, SQLite
<b>Data Base and Others:</b>	Firebase
<b>Debug and Testing:</b>	Unit Testing(Jest)
<b>Version Control:</b>	Git, Github
<b>Developer Tools:</b>	Expo, Android Studio, Visual Studio, Figma, Postman

## EDUCATION

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Bachelor of Technology (B.Tech) in Computer Science

Affiliated with JNTUK B.V.C Engineering College (Percentage: 62)

Odalarevu

Higher Secondary (Intermediate) Vidyanidhi Junior College (Percentage: 67)

Tatipaka

High School Z.P.H School (CGPA: 9.3)

Kesanapalli

## CERTIFICATIONS

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Meta Android Developer Professional Certificate

Coursera

Meta React Native Developer Specialization

Coursera