VR WIZARDS

Anil Thombare

As a highly skilled Software Engineer with over 4+ years of programming experience, I have a deep understanding of a wide range of technologies, from Jetpack to WebRTC, and Node.js to Angular

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EXPERIENCE

HomeOne Technologies, Pune — *Android Developer*

JULY 2022 - PRESENT

WiFinity (Smart Home App based on IOT products)

- A smart home app with material UI which communicates with IoT smart home devices.
- Successfully integrated a wide range of IoT devices with the help of android native bluetooth and WiFi APIs, enabling seamless control and monitoring for end users.
- Implemented offline mode functionality through WebSockets, allowing users to operate devices without internet connectivity, ensuring uninterrupted user experiences.

Native WebRTC Video Call App (VDP Doorbell)

- Implemented the video calling and conferencing feature by using webrtc technology works even without internet
- Multi-party feature where more than one users can join the call
- Whenever doorbell is pressed user gets notification through firebase FCM
- Face Detection using Google ML Kit

Deft (Android App)

- It is a one of its kind Zigbee based Home Automation application which follows SOLID design principles.
- Advanced security, Artificial Intelligence, sensor control and Energy saving are some of our very unique features

Apartment Water Management App

- A water management app for apartments which follows MVVM architecture from which users can operate tank valves, motors and monitor water levels with analytics .

Android SDK for IoT Devices

- Created and maintained an Android SDK for IoT devices, enabling third-party clients to seamlessly integrate our smart home devices into their applications.

SKILLS

Java, Kotlin, JavaScript

MVVM, MVP, MVC, SOLID design principles

Jetpack, REST APIs, Coroutines

Dagger/Hilt, Jetpack Compose, Work Manager

Data Structures and Algorithms

SQL, mongoDB, firebase

Webrtc, websockets, MQTT

Nodejs, Angular

Kotlin MultiPlatform

Git/Github, GCP, AWS

STRENGTHS / ACHIEVEMENTS

Problem Solving Resolved complex technical issues during development of WebRTC App, resulting in 95% bug free product

App Reliability and Engagement Growth Delivered a 98% crash-free user experience and accelerated daily user engagement by 40% through strategic UI enhancements

Open Source Contribution Contributed to an open source project named lavaplayer which has more than 900+ stars

Dynamic Music (Discord Bot) — *Java Developer(Self Employed)*

DEC 2019 - APRIL 2022

Served 1800+ Discord servers and implemented premium subscription with additional features like Spotify support and audio filters having 150+ monthly subscribers.

- Developed and maintained a Discord music bot using Java Discord APIs and Lavaplayer audio library.
- Increased user engagement by adding custom bot name and avatar for premium subscribers.
- During COVID, managed user feedback and resolved technical issues promptly to ensure smooth bot operation.

PLAY STORE LINKS

- https://play.google.com/store/apps/details?id=com.homeone.mydeft.android&hl=en&gl=US
- https://play.google.com/store/apps/details?id=com.homeone.deft.android&hl=en&gl=US
- https://play.google.com/store/apps/details?id=com.homeone.visitormanagement
- https://play.google.com/store/apps/details?id=com.homeone.starrBot.android&hl=en&gl=US

WEB LINKS

- https://dynamicmusicbot.netlify.app/
- https://www.goatcaptain.com/
- https://loverian.github.io/
- https://github.com/LOVERIAN/dynamic-music-web
- https://github.com/LOVERIAN/FriendlyChat