

MOKKAPATI DOLANANDA

[Email](#)[GitHub](#)[LinkedIn](#)

Passionate about developing back end for android applications and also creating attractive Ui. I am proficient in Kotlin and Coroutines, MVVM architecture, ROOM and Retrofit.

EDUCATION

Indian Institute of Information Technology, Sri City, AP

BTech - Electronics and Communication Engineering

November 2022 – Present

CGPA: 7.6 (4 semesters)

SKILLS

Technical Skills: C, C++, Java, Kotlin, Ktor(Server side in Kotlin),Firebase.

UI: XML, Jetpack Compose

Tools & Databases: ROOM, Firebase.

Areas of Interest: Android Development.

Developer Tools: Android Studio, IntelliJ IDEA

Certification

(Jetpack, Architecture & More)Advanced Android Bootcamp 2024

Mar 2024 - Oct 2024

udemy, Online

Learnt about Retrofit, ViewModel class, ROOM, Fragments, Recycler View,Work Manager,Compose

Experience

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Job • Jan 2024 - Apr 2024 (3 months)

Developed Application for a Company to monitor their water consumption and parameters like pH, turbidity. App displays data from Cloud Firestore(Previous month values), Realtime Database (hourly consumption and other current parameter etc.

PROJECTS

[Todo Application](#)

May 2024 – Oct 2024

Technologies used: Kotlin, Ktor, Jetpack Compose, ROOM

- Developed this application when I wanted a sleek, simple (and add free) application. Eventually learnt a lot on how to use ROOM and other core android fundamentals.
- The Ui is code in Jetpack Compose, used navigation compose for navigation. App has a notes section as well where we can store important notes and you can view them just by sliding (Column).
- The app sends a notification for undone tasks of the day every 5 hours so that we don't forget them, used WorkManager for scheduling tasks and push notifications.
- Coroutine concepts and async are used throughout as app frequently queries the database.

[Startup User](#)

Oct 2024-Oct 2024

Technologies used: Kotlin, Ktor, Jetpack Compose, Firebase Cloud Messaging

- Developed as part of our college hackathon named: BitNbuild, involved in the backend of the application.
- Developed a Server for notification through Ktor and code work managers in the application for scheduling and pushing notifications.
- The coding part went smooth, exception handling especially the responses from the server was challenging.
- Used a lot of Coroutines for doing asynchronous tasks.