Rudrank Basant

App Developer

I build native apps for Android and cross-platform apps using Flutter and Dart. I am also familiar with Node.js, Django and Go for backend.

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EDUCATION

Vellore Institute of Technology, Vellore   2021-Present
B. Tech in Computer Science and Engineering   **CGPA 9.36/10**

TECHNICAL SKILLS

Languages: Kotlin   Java   Dart   SQL   Python   C/C++   JavaScript   Go
Frameworks: Firebase   Flutter   Apollo (GraphQL)   Node.js   Express   Django   Figma   Git

ANDROID WORK EXPERIENCE

Android App Developer   Dec 2022 - March 2023
Mighty

Worked on the Android app for the first two months, and then assisted in developing a similar Flutter app from scratch. Fixed several major bugs and implemented new features as required by the company. Worked as the sole intern, implemented **MVVM Architecture with SharedViewModels**, and built an entire android app section, including selecting investment funds and making payments.

Android App Developer - Freelancing   Aug 2022 - Oct 2022
Eigen Learning

Made an Ed-Tech App from scratch, single-handedly. The app has a feature to store assignments and classes and an option for teachers to make and preview MCQ and subjective tests. The marks of the MCQ tests are automatically shown at the end of the test. Implemented **MVVM architecture** and used **Kotlin Coroutines**.

Android App Developer   June 2022 - Aug 2022
Snoh Technology

Made an application with a team of 4 interns. Handled permissions of the entire app. Implemented notifications with the help of **Work Manager**. Implemented the checkout functionality to display the summation of the amount. Implemented **MVVM architecture** and **Kotlin Coroutines**.

FLUTTER WORK EXPERIENCE

Flutter App Developer   March 2023 - April 2023
Mool

Worked on API integration and UI building from scratch for the Flutter App. Implemented **Bloc/Cubit architecture** for the business logic and **Repository Pattern** for data management. Worked on sections that include bank-related information, and uses **JWT** tokens for requests. Set up tracking utilities within the application to conduct comprehensive analysis of user behaviour.

Official Riviera App - Flutter   Jan 2023 - Feb 2023
VIT Vellore

Single-handedly made an app using Flutter and Dart for VIT's biggest cultural and sports event, with currently over **8000+ users**. You can download the app from **App Store** or **Google Play**. The app implements the **Bloc/Cubit** architecture for state management and uses the **Repository Pattern** for data management, and makes calls from Firebase as well as the back-end API.

PROJECTS

Notix   Google Play
An Android app to **remove spam notifications** from the notification bar. Read WhatsApp chats (including group chats) without being seen. Get the daily analysis of the number of notifications received.

Interrux   GitHub
An **Android Library** that provides a wide range of interceptors that integrate into Android projects to intercept and modify network requests and responses. Implement essential features like **authentication, logging, caching, error handling,** and more, in a modular and reusable manner.

WomenTechies'22   Google Play
An Android app for students participating in the event called Women Techies'22. The app has four screens demonstrating **home, timeline, list of sponsors, FAQs,** and a screen to display all the Instagram Posts related to the event.

CrypX   GitHub
An app to demonstrate a list of Crypto Coins using Kotlin and **Jetpack Compose**, with **Dependency Injection using Dagger-Hilt**, while following the guidelines of **Clean Architecture**.

GraphQl-Compose   GitHub
An Android app to demonstrate the use of **GraphQL using Apollo**, with Kotlin, **Jetpack Compose** and **Dependency Injection using Dagger-Hilt**, following the guidelines of **Clean Architecture**

Journal App   GitHub
An Android app for journaling, which performs CRUD operations using the **ROOM library.** Images are also stored locally by **converting them into byte arrays.**

Notes App - Full Stack   GitHub(Flutter) GitHub(Back-end)
A full-stack project made using Flutter and Node.js to store your notes. Performs all **CRUD** functions

Look at more of my projects here.

ORGANIZATIONS

Google Developer Student Club   **2021-Present**
- Made a **project called Notix**, which is an Android app to remove spam notifications.
- Individually made a hackathon application, called **WomenTechies'22**, which was used by the participants during the event.
- Conducted **workshop on Flutter** on behalf of the club, introducing the viewers to the basics of Flutter and Dart.
- Conducted a **workshop on Firebase**, and implemented CRUD operations to explain the working of Firestore.
- Conducted a **workshop on Git and Github**, introducing the viewers to the basics of Git and Github, including the working of branches, pull requests, and merges, and topics like squashing, stashing, and cherry-picking.

ACM-VIT   **2021-Present**
Worked on the Flutter app for an event CrypticHunt.   **Maintainer of Hacktoberfest2022 Repository.**

IEEE-VIT   **2021-Present**
Part of **Core Technical Team of IEEE** VIT. **Maintainer of Hacktoberfest2022 Repository.**