

# Rudrank Basant

## Mobile App and Backend 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

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**Vellore Institute of Technology, Vellore**  
B. Tech in Computer Science and Engineering

2021-Present  
**CGPA 9.36/10**

## TECHNICAL SKILLS

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

## ANDROID WORK EXPERIENCE

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**Android App Developer**  
**Mighty**

Dec 2022 - March 2023

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**  
**Eigen Learning**

Aug 2022 - Oct 2022

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**  
**Snoh Technology**

June 2022 - Aug 2022

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

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**Flutter App Developer**  
**Mool**

March 2023 - April 2023

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**  
**VIT Vellore**

Jan 2023 - Feb 2023

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

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### 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

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### 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.**