





# Rudrank Basant

## Backend and App Developer

Experienced backend developer proficient with Node.js, and Django, and familiar with Go. I also build Android and Flutter apps.

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

## WORK EXPERIENCE

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**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**. Read entire doc [HERE](#). 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.

**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.

**Backend and App Developer - Freelancing**  
**Eigen Learning**

Aug 2022 - Oct 2022

Made an Ed-Tech App and Backend from scratch, single-handedly. The fullstack project has features 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**, and built the backend using **Node.js and TypeScript**.

**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 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.

## PROJECTS

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### NetNest

 [GitHub](#)

A social media backend application supported by **JWT Authentication**, with features to perform requests to follow, unfollow, **CRUD** operations with posts, likes, comments etc. Built with **Typescript** and **Node.js**, with **PostgreSQL** database and **Prisma ORM**.

### Notes App and Backend - Full Stack

 [GitHub\(Flutter\)](#)  [GitHub\(Back-end\)](#)

A full-stack project made using **Flutter** and **Node.js** and **JavaScript** to store your notes. Performs all **CRUD** functions with MongoDB database and Mongoose.

### E-Commerce Backend

 [GitHub](#)

A backend application to perform **CRUD** operation with different **products** and **categories**. Built with Django and Python.

### Quiz-Backend-DRF

 [GitHub](#)

A backend application to provide operations questions and answers with each question in relation to different quizzes. Feature of providing random questions from quizzes. Built with Django Rest Framework and Python

### ChatRoom

 [GitHub](#)

A backend application with the functionality to provide real-time chat messages to different users within specific chat rooms. Built with Node.js and JavaScript.

[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.**