

Rudrank Basant

Backend and App Developer

Experienced backend and app developer proficient with Node.js, Android, and Flutter apps.

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EDUCATION

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

2021-Present
CGPA 9.36/10

TECHNICAL SKILLS

Languages: TypeScript/JavaScript Python Kotlin Java Dart SQL C/C++ Go
Frameworks: Node.js Express Django Firebase Flutter Apollo (GraphQL) Figma Git
Other: PostgreSQL MongoDB Docker Amazon Web Services Azure

WORK EXPERIENCE

Backend Developer
TaskLabs

Sept 2023 - Oct 2023

Worked with **NodeJS** with **Typescript/JavaScript** to build the backend of the application. Used **AWS Lambda** functions for the backend and **AWS DynamoDB** for the database. Integrated **webhooks** of several apps and implemented **OAuth** for authentication. Made an app using **ElectronJS** for the desktop version of the application.

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.

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.

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**.

[See the entire list of work experience here.](#)

PROJECTS

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/LEADERSHIP

Google Developer Student Club (Senior Core Member)

2021-Present

- Mentored the development of a production app, **Gravitas'23** assigned to the organisation by the college and helped in the delivery of quality product before the deadline.
- 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.**