

Siddharth Singh

Android Developer

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<https://siddydevelops.netlify.app/>



About Me

I am an inquisitive and energetic computer science student full of useful leadership skills and a strong foundation in mathematics, programming and logic. I hope to leverage my solid developed skills while focusing on collaboration, passion and creativity into an engineering role that allows me to create engaging projects with beautiful user experience.

Education

COMPUTER SCIENCE WITH SPECIALISATION IN BUSINESS SYSTEMS, 2024

CGPA: 8.97 AS IN SEMESTER-05

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE - VELLORE, TN

12TH, PCM, 2020

SRPS PUBLIC SCHOOL - KOTA, RJ

OVERALL PERCENTAGE: 95%

Work Experience

**OCT-CUR
/2022**

VIDYAKUL - GURGAON, INDIA

ANDROID APP DEVELOPMENT INTERN

- Debugged and added featured to the android application used by over 500K students.
- Wrote quality code, converted code from JAVA to Kotlin and implemented robust architecture with modularity and consistency throughout codebase.
- Added coroutines and dependency injection along with more efficient API requests using retrofit.
- Created SQLite database through Rooms for backend to handle quick memory storage; used a SQL database to store user watch video history.

**MAR-SEP
/2022**

CENTRAL BANK OF INDIA - BHOPAL, INDIA

ANDROID DEVELOPMENT FREELANCER

5 MONTHS

Designed and developed android application for the managers at Central Bank Of India, which will enable them to know targets of branches on daily basis to plan funds utilization in a better way. Also designed and developed a landing website for the application.

Website: <https://siddydevelops.github.io/Cent-DPR/>

**MAR-SEP
/2022**

FUMICS - NEW DELHI, INDIA

ANDROID APP DEVELOPMENT INTERN

5 MONTHS

As an android developer I integrated a networking API with the application. The API would provide objects containing IP address, Host address, proxy, port and other similar networking configurations which would be selected by the user from a list of such configurations. These configurations would then provide a safe-tunnel for the user to access restricted webpages or domains or protect their IP address.

Projects

- **VIT-BIT:** An android application which displays the schedule of mess for each month for a given date.
- **Resec:** An android application which acts as a remote assistance to deliver various services.
- **Aldo:** An educational android app that provides services like notes, online videos and visualization calculator to learn and understand deep concepts of DSA.
- **PokéStats:** An app which displays all the Pokémons in the franchise and also displays the basic stats of each Pokémons. Uses REST API to fetch data.
- **Siddy's Wallpapers:** An android app to download wallpapers and set it as background. The wallapers are fetched from an open source API which is regulated frequently.
- **Detect My Mask:** An android app which runs along with a ML Model which detect whether a person is wearing mask or not.
- **Blogaro:** Blogaro is a UI-Ready application which provides an online article publishing platform.

Check Out more of project on my Github. (<https://github.com/SiddyDevelops>)

Skills

- Programming language: Java, Kotlin, C/C++, Python, SQL
- REST API (Retrofit) / JSON Parsing, Pagination
- UI/UX-XML, Material and Navigation Components, Android JVM and SDK, NDK
- MVVM architecture and Room Database
- Usage of Third-Party libraries
- Google-Firebase (Authentication, ML-Modeling, Firestore, Database, Storage)