

SIDDHARTH SINGH

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Education

Vellore Institute of Technology, Vellore <i>B-Tech in Computer Science and Engineering with Minor in Business Systems</i>	2020 – 2024 <i>CGPA: 8.87</i>
SRPS Public School, Kota <i>All India Senior School Certificate Examination</i>	2019 – 2020 <i>Overall Percentage: 95.2</i>

Experience

Vidyakul Leaning Space <i>Android App Developer Intern</i>	October – December / 2022 <i>Remote (Gurgaon, Haryana)</i>
<ul style="list-style-type: none">Developed a service based Analytics to automatically perform a set of unit tests daily on a product in development in order to decrease time needed for team members to identify and fix bugs/issues.Refactored and converted Android app used by 500K students from Java to Kotlin using modular architecture. Added coroutines and dependency injection, and improved API requests with Retrofit and implemented local SQL databses to store metadata and manifest.	
Central Bank of India <i>Android Developer Freelancer</i>	May – June / 2022 <i>Bhopal, Madhya Pradesh</i>
<ul style="list-style-type: none">Developed Cent-DPR, an Android app for Central Bank of India, empowering Branch Managers to track and analyze branch performance daily for improved planning.Implemented secure OTP verification for convenient login and registration. Integrated PDF report generation and admin panel for branch-specific monitoring and sharing comprehensive reports with Regional and General Managers.	
Fumics Technologies <i>Android Developer Freelancer</i>	March – July / 2022 <i>Remote (New Delhi)</i>
<ul style="list-style-type: none">Integrated networking API into an Android app to provide IP, host, proxy, and port configurations selected by the user for safe access to restricted web pages and IP protection.	

Projects

RESEC <i>Kotlin, Broadcast Services and Forecasters, SQL, Android SDK, RoomDB</i>
<ul style="list-style-type: none">Resec is an offline service assistant which helps to operate services remotely through SMS. You can access contacts, get device location, change sound profile and much more through some SMS.
ALDO <i>Java, Firebase Cloud, Android Studio</i>
<ul style="list-style-type: none">Aldo is a free app teaching young programmers DSA, DBMS, and OS through practice exercises, videos, books, code and a visualization tool.
VIT-BIT <i>Kotlin, Tflite, JXL, App Widgets, Android SDK</i>
<ul style="list-style-type: none">Created an Android app to display monthly mess schedules and menus. Integrated a ML-powered API to scan and extract menu items from images, generating an Excel file. Designed a user-friendly timetable-style menu and included a convenient home screen widget for easy access.

Skills

Languages: Java, Kotlin, C/C++, Python, SQL

Technologies/Frameworks: REST API, Native Android, Node JS, Databases: AWS, Firebase, Azure

Business Skills: Marketing Management, Human Resource Management, Financial Management, Services Management, Industrial Psychology, Behaviour Economics

Highlights

- Third runner up in Apptitude'21 Hackathon by ACM-VIT where we built a tech platform for providing visualization aided tool and resources.
- Second Prize in TechKnow'21 by ACM-DJSCE (with more than 200 participants) where we made a offline android assistant bot to operate smart phone functionality remotely.
- Led a team of 5 member to design and develop an Android Application 'PaperVIT' (supplying previous year question papers to help students during their exams) as part of ADG-VIT club.
- Organized and conducted technical workshops on GitHub and Application Development, reaching an audience of 250+ students as a committee member of SkillShip-VIT, a student-run college technical club.