

# MANAV GAMBHIR

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## WORK EXPERIENCE

### Android Development Intern - VECROS, IIT Delhi

December - March 2023

- Led the development of an android application dedicated to flying drones utilizing **Kotlin** as the programming language.
- Implemented features such as **In-App update** and enabling **Firmware Update** for the drones from the application.
- Also implemented the **offline map** and multiple marker functionality for mission planning and precise drone navigation.
- Successfully integrated multiple **APIs** to achieve a seamless connectivity to backend ensuring real-time data synchronisation.
- Additionally, designed various app interfaces using **Figma** for an optimal user experience.

### Software Development Intern - Absax Technologies, Noida

July - August 2023

- Worked on a project related to **IOT** focused on automating the operation of forklifts within a factory.
- Worked on driver authentication through fingerprint and integrating **GPS**
- Skills: Python, HTML, CSS

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## EDUCATION

### Maharaja Agrasen Institute of Technology, B.Tech, CSE [CGPA - 8.59, till 5th semester]

2021 - 2025

- Obtained Rank 1 at College Level and Rank 3 at University Level in First Semester Examinations

### St Francis De Sales School, Secondary & Senior Secondary Education

2007 - 2021

- 12th (Percentage: 89%)

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## PERSONAL PROJECTS

### Inner Loop - A Social Networking App

[Project Link](#)

- Uses **Firebase** for authentication and storage
- Lets users follow each other and also like each others posts
- Developed modern, dynamic user interfaces with **Jetpack Compose**.

### Crypto Hub - A Cryptocurrency App

[Project Link](#)

- Crypto currency app which displays all crypto currencies with its price, users can also add particular crypto currency to watchlist.
- Displays a list of Top Gainers as well as Top Losers.
- Used **REST API** along with **MVVM** Architecture.

### Apna Bank - A Banking App

[Project Link](#)

- Built a demo banking app using **Room Database** containing lists of users and history of transaction for each user with a good looking UI.
- Users can easily transfer money from one user to another.

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## SKILLS

**Technical Skills:** C, C++, Python, Kotlin, Java, XML, Jetpack Compose, HTML, CSS, UI/UX

**Tools:** Android Studio, Android SDK, Git/GitHub, VS Code, Postman, Figma

**Database:** Firebase, MySQL, RoomDb

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## POSITION OF RESPONSIBILITY

### Android Mentor - GDSC MAIT

Guiding members in mobile application development through workshops and hands-on sessions.

### Core Team Member - Codechef Student Chapter MAIT

Contributing in developing competitive coding culture by assisting in arranging coding contests and practice materials.

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## TECHNICAL/ CO-CURRICULAR ACTIVITIES

Participated in Flipkart Grid 5.0 Hackathon

Participated in Vihaan 5.0 Hackathon [IEEE DTU]

Participated in MakeItHappen Hackathon [IEEE GTBIT]

Participated in Code The Node [CSI MAIT (Virtual)]

Participated in HackwithMAIT 3.0 [IEEE ComSoc]