MANAV GAMBHIR

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WORK EXPERIENCE

Android Development Intern - LikeMinds, Gurgaon — September - Present

- Contributing in the migration of the system architecture to enhance flexibility, allowing clients to integrate and customise chat features with minimal effort.
- Working extensively with Android Studio, **dependency injection**, and version control to ensure a smooth and modular transition.

Android Development Intern - VECROS, IIT Delhi — December - March 2024

- 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 offline mapping and multi-marker functionality for precise mission planning and 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

- Led development efforts using Python on Raspberry Pi for backend logic in an **IoT** project automating forklift operations.
- Developed driver authentication system using fingerprint technology and seamlessly integrated **GPS** functionality.
- Also contributed to frontend development, crafting responsive interfaces with HTML and CSS.

EDUCATION

Maharaja Agrasen Institute of Technology, B.Tech, CSE [CGPA - 8.7, till 6th 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 [12th - 89%] — 2007 - 2021

PERSONAL PROJECTS

Inner Loop - A Social Networking App — Project Link

- Implemented **Firebase** for robust authentication and data storage.
- Enabled user interactions such as following/unfollowing and liking posts.
- Integrated **Gemini API** to generate AI-driven content and extract info from images to generate content for new posts.
- Developed modern, dynamic user interfaces using **Jetpack Compose**.

Crypto Hub - A Cryptocurrency App — Project Link

- Enabled real-time price tracking, Also enabled users to add specific cryptocurrencies to a personalized watchlist.
- Implemented features to display lists of Top Gainers and Top Losers.
- Integrated **REST API** using **MVVM** architecture for efficient data management.

Apna Bank - A Banking App — Project Link

- Developed a demo banking app using **Room Database** to manage user lists and transaction histories.
- Designed a user-friendly interface enabling easy money transfers and seamless user interaction.

SKILLS

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

Tools: Android Studio, Git/GitHub, Gitlab, VS Code, Eclipse, Postman, Figma, Canva

Database: Firebase**,** MySQL, Room Database

POSITION OF RESPONSIBILITY

Android Mentor - GDSC MAIT

Led hands-on workshops to enhance expertise in developing Android apps using modern tools and libraries such as **ML Kit** and **Firebase**. Also delivered presentations on basics of **Kotlin**, modern Android architecture, UI/UX design, and integrating REST APIs.

Core Team Member - Codechef Student Chapter MAIT

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

TECHNICAL/ CO-CURRICULAR ACTIVITIES

Participated in Flipkart Grid 5.0 Hackathon

Participated in Vihaan 5.0 Hackathon [IEEE DTU]

Participated in Participated in Samsung Solve for Tomorrow Ideathon