

HARSH GUPTA

Chennai, Tamil Nadu

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LinkedIn

GitHub

Leetcode

CodeChef

Portfolio

Education

IIITDM Kancheepuram

Bachelor of Technology in Mechanical Engineering

2022 - 2026

Chennai, Tamil Nadu

Professional Experience

Software Developer Intern | Certificate

September 2024 - November 2024

Thennal Air Filters Pvt. Ltd., Chennai

- Created an Android application from the ground up, connecting with sensors to display real-time readings.
- Crafted and executed core functionalities for seamless communication between the application and sensors.
- Collaborated with the team to enhance user experience, ensuring smooth operation and data flow.

Software Developer Intern | Certificate

May 2025 - Present

Evu Inc., New York, U.S.

- Building the Mobile Application for Elaview at Evu. Elaview is a B2B marketplace that connects landlords who have physical advertising space — like building walls, windows, vehicles, or billboards — with businesses looking to rent those spaces for ads.

Technical Projects

Settle It - Expense Management Application | GitHub Repo

July 2024

- Intuitive Expense Tracking:** Designed a user-friendly interface enabling individuals to record, categorize, and manage group expenses effortlessly, offering clear summaries and balance details.
- Group Management:** Integrated features that allow users to manage multiple groups, simplifying expense tracking across various activities.
- Automated Settlements:** Developed algorithms to compute individual shares and suggest optimal ways to settle expenses, minimizing manual effort for users.
- Tech Stack:** Leveraged Kotlin, XML, and Firebase for real-time synchronization, with Google Authentication for secure access.

Food On the Way - Food Ordering Application | GitHub Repo

April 2024

- Real-Time Order Handling:** Utilized Firebase for instant database updates, enhancing user interaction and ensuring orders and menu items remain current.
- Scalable Architecture:** Implemented the MVVM design pattern, enabling clearer separation of concerns that enhanced maintainability and facilitated a 30% reduction in bug reports during initial testing phases by creating modular code components.
- Dynamic Menu Features:** Integrated tools for managing menu items dynamically, allowing restaurant owners to adjust offerings effortlessly.
- User Security:** Incorporated Google and Email authentication for secure and user-friendly login experiences.

Technical Skills

Languages: C, C++, Kotlin, Java, SQL, Python, XML, Dart

Android Studio: MVVM Design Pattern, Room Database, SQLite, Retrofit/Volley, Glide, User Authentication, UI/UX, Flutter, Dagger/Hilt

Tools and Technologies: Firebase, MySQL, GitHub, Flutter

Core Competencies: Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, DBMS, Computer Networking, Git

Position of Responsibility

Member, CS Team

July 2023 – December 2024

Astra – Drone Racing Club, IIITDM Kancheepuram