

Experience

Swipe (YC S21)

SDE - I (iOS)

https://bit.ly/swipe-ios

Jan 24 - Present

Hyderabad, Telangana

- **Founding iOS Engineer:** Architected and developed the **iOS app** for **Swipe**, leveraging **Kotlin Multiplatform** to share business logic with **Android**.
- Enhanced **performance** by implementing **concurrency**, achieving a **2.5x faster** invoice creation flow and handling **150x more products** per invoice than Android and Web.
- Improved the Create Bill experience—using **Realm** for seamless data persistence and **WebSocket** for real-time sync—making the app noticeably quicker and more reliable for users.
- Helped launch the iOS app in key **Middle East** markets and integrated in-app purchases, driving new revenue streams and expanding Swipe's global footprint.

Google Summer of Code, MIT App Inventor

iOS Developer

https://summerofcode.withgoogle.com/programs/2023/projects/aeUHF4rl

April 23 - Sep 23

Remote

- Implemented core iOS UI components such as **File**, **CircularProgress**, **LinearProgressBar**, **Snackbar**, **TabLayout**, and **CardView** using a reusable, modular architecture to ensure a clean, scalable design system.
- Integrated advanced hardware sensors, including the **Barometer**, **Magnetic Field Sensor**, and **Proximity Sensor**, leveraging **Core Motion** and **Core Location** frameworks to enhance App Inventor's sensor capabilities.
- Added system-level support for **WiFiAdmin**, **BluetoothAdmin**, and secure biometric authentication via **Touch ID** and **Face ID** using **LocalAuthentication** and **CoreBluetooth**, enabling robust connectivity and security features.

Coderoofs IT Solutions

iOS Developer Intern

https://coderoofs.com/

October 22 - Feb 23

Remote

- Developed iOS applications **end-to-end**, from **UI implementation** to **deployment**, following best practices for **performance** and **code quality**.
- Collaborated with **designers** to translate product requirements into functional features, gaining experience in **cross-functional teamwork**.
- Identified and resolved **bugs** and **performance bottlenecks** during development, improving **debugging** and **optimization skills**.

Projects

Junx [Published on App Store]

https://apps.apple.com/us/app/junx/id6557036745

- Built and launched JunX, a live iOS dating app available on the App Store, owning the entire **iOS development** with SwiftUI for the frontend and deep integration with **Sendbird** for in-app messaging and video calls.
- Engineered a **scalable, modern architecture** for seamless user experiences and **in-app purchases**, supporting thousands of users across multiple global markets.

Crypto Tracker

https://github.com/dhruvshrivastava18/CryptoTracker

- Developed **CryptoTracker**, an iOS app built with **Swift** that delivers real-time cryptocurrency prices, secure portfolio management, and a seamless user experience with customizable themes and smooth animations.
- Designed the architecture using **MVVM** and **Combine** for responsive data flow, leveraging **Core Data** and **FileManager** to ensure user portfolio data is safely stored and always accessible.

Skills

Languages & Platforms	Key Technologies	Architectures & Tools
Swift, SwiftUI, Kotlin (KMM), C++, Python, UIKit, Cocoa Touch, Xcode	CoreML, Core Data, Core Animation, User Notifications, Realm	MVC, MVVM, Git, Firebase

Education

Shri Mata Vaishno Devi University

Computer Science

CGPA: 8.2/10

2020 - 2024

Bachelor of Technology