

Arihant Marwaha

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TECHNICAL SKILLS

Languages: Swift, Python, Objective-C, C, C#, C++

Swift Development: SwiftUI, UIKit, Combine, Core Data, ARKit, WidgetKit, StoreKit, XCTest, Metal

Machine Learning: Core ML, Vision, TensorFlow, PyTorch, Scikit-learn, MLX, Apple's Foundation Models

Architecture & Tools: MVVM-C, Xcode, Instruments, GitHub, CI/CD (TestFlight)

EXPERIENCE

iOS Developer & Product Generalist

Jun 2026 – Aug 2026

Flabs — Bangalore, India

- Collaborated directly with the **CTO** across high-priority healthcare initiatives, driving cross-functional development across mobile and web platforms to streamline clinical operations.
- Spearheaded end-to-end product delivery. From scoping requirements to deployment. Delivering numerous major platform releases ahead of schedule.
- Led the integration of **AI-driven workflows** into existing SaaS tools, automating routine administrative tasks such as creating Agents for support and Sales calls.

Co-Founder & Lead iOS Developer

July 2024 – Nov 2025

Feldiv & Independent Ventures — Delhi, India

- Spearheaded full-stack iOS development and defined enterprise-grade tech stacks. Established **MVVM** architectural standards
- Engineered high-performance client-facing applications and prototypes for feature development.

OPEN SOURCE CONTRIBUTIONS

Swift.org Mentorship Program

Jul 2026 - September 2026

Open Source Contributor

Remote

- Selected for the official Swift.org Mentorship Program, collaborating directly with core maintainers on the swift-foundation repository.
- Authored, tested, and merged pull requests fixing runtime bugs, standard library edge cases, and TODOs, strictly adhering to Swift compiler guidelines and regression test standards.

PROJECTS

Manob | *Swift, Foundation & Speech Models*

SSC26 Submission

- Designed a highly sensitive fine tuned Foundation Model that interacts with Dementia patients for reminiscence therapy.
- Applied the Apple's Speech Models to let users record and transcribe their life memories into their app acting like a time capsule.

GuGu (Habit Tracking iOS App) | *Swift, SwiftUI*

Swift Student Challenge Winner

- Developed an award-winning gamified habit-tracking app with an animated pet system. Engineered a seamless UX using SwiftUI and SwiftCharts, fully compliant with Apple's Human Interface Guidelines (HIG).
- Implemented robust data persistence with Core Data to handle complex user progress tracking.

Study Buddy (AI Study Companion) | *Swift, Apple Intelligence (beta), NLP*

ongoing project

- Building a study aid integrating Apple Intelligence (beta) for automated note summarization and proofreading.
- Pioneered an infinite mind-mapping system utilizing robust speech-to-text and handwriting recognition using Apple's **Vision and Core ML models**.

MoodSync (IoT Mental Wellness App) | *Swift, Firebase, Philips Hue API*

Hackathon Winner

- Built an IoT-enabled wellness app syncing mood tracking with Philips Hue lighting and Spotify music recommendations.

ACHIEVEMENTS AND RESEARCH

- Apple’s **WWDC25 Swift Student Challenge** Winner (SSC25).
- Secured **1st Place** in CyberCup 4.0 Hackathon (IoT & Healthcare Track).
- NEC ’24 Basic Track **Finalist** (IIT Bombay) & IndeHub National iOS Hackathon **Semi-Finalist**.
- Researched and published *"Ethical AI in the Canopy: A Multi-Modal Deep Learning Framework for Amazonian Archaeological Discovery"* (April 2026).

EDUCATION

B.Tech. (Computer Science and Engineering)

8.5 CGPA

Amity School of Engineering and Technology, Amity University, Noida (2022-26)

Honours Specialization: Artificial Intelligence and Machine Learning