

Yaduraj Singh

iOS Developer | AI Enthusiast

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YadurajManu

Summary

iOS Developer and B.Tech CSE (AI) student with hands-on experience in building scalable iOS apps using **Swift**, **SwiftUI**, **Firebase**, and **REST APIs**. Lead developer of a university ERP system and winner of a national **healthcare IoT hackathon**. Passionate about **AI-powered mobile solutions** that improve lives. Seeking iOS development roles in **tech or health-tech industries**.

Education

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|---------------------------------|-----------------------------------|-------------------------|
| The Asian School | Class 12 (CBSE) – 80% | April 2023 – March 2024 |
| Gautam Buddha University | B.Tech in CSE (AI), Greater Noida | August 2024 – June 2028 |

Experience

LEAP iOS App Lead – Intern June 2025 – Present
Gautam Buddha University

- Driving full-cycle development of **LEAP**, a robust ERP iOS application streamlining academic and administrative operations for 2,000+ users at GBU
- Engineered key modules including **biometric attendance**, **push-based announcements**, dynamic student dashboards, and an intuitive **admin portal** for real-time control
- Integrated a secure, scalable backend using **Django REST Framework**, with clean API handling in **Swift** and **SwiftUI**

Projects

GBU Timetable [App Store]

- Built an official **iOS app** for Gautam Buddha University students to manage class timetables
- Integrated **live widgets** for real-time schedule updates on iOS home screen
- Designed with **SwiftUI** and **Combine** for dynamic, scalable performance

Maakosh – Maternal & Neonatal Health App (Winner, Hackathon) [GitHub]

- Developed a smart healthcare app integrating **wearable sensors** (MAX30100, EMG) for real-time vitals monitoring
- Built a role-based system for mothers and healthcare workers using **Firebase** and **ThingSpeak** for secure data management

Bolonyay – iOS Legal Aid Platform [GitHub]

- Built a multilingual legal aid app in **SwiftUI** to connect petitioners with regional advocates
- Implemented **voice-assisted forms**, automated **PDF reports**, and personalized user dashboards
- Used **Firebase Auth**, **Firestore**, **PDFKit**, and **speech-to-text APIs**

Technologies

Languages: Swift, C, C++, Python, Java

Technologies: SwiftUI, UIKit, Firebase (Auth, Firestore, Storage), AVFoundation, Xcode, Git, GitHub, REST APIs