Yaduraj Singh

iOS Developer | AI Enthusiast

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Summary

iOS Developer and **B.Tech CSE (AI)** student, currently **leading development** of the **LEAP ERP system** at GBU. Skilled in **Swift**, **SwiftUI**, **Firebase**, **REST APIs**, and sensor-integrated mobile apps. **Winner** of **Ignition Hackathon** for healthcare **IoT innovation**.

Education

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

- Leading end-to-end development of LEAP, a scalable ERP iOS application for academic and administrative workflows
- Architecting critical modules such as biometric attendance tracking, push-based announcements, and dynamic student record management
- Tech stack: Swift, SwiftUI, Firebase (Auth, Firestore, Cloud Messaging), RESTful API integration

Projects

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

- Smart health monitoring system with wearables (MAX30100, EMG) and real-time vitals tracking
- Firebase + ThingSpeak backend with role-based access for mothers and healthcare workers

Bolonyay – iOS Legal Aid Platform [GitHub]

- SwiftUI-based app connecting petitioners with regional advocates via Firebase backend
- Voice-assisted form filling, PDF case reports, multilingual support, and user dashboards
- Google/Firebase Auth, Firestore, PDFKit, and speech-to-text integration

Rishi – iOS News App [GitHub]

- Minimal SwiftUI-based news app with global headlines, category filters, and in-app reading
- Integrated NewsData.io API with Combine + MVVM architecture
- Features search, dark mode, responsive UI, and planned bookmarking system

Certifications

C Programming Essentials, IBM Software Foundation	Jan 2025

Technologies

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

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