Utkarsh Kumar Shukla

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Detail-oriented Software Engineer with hands-on experience in iOS and frontend development, dedicated to creating efficient, user-friendly applications. Proficient in Swift, Java, and C, with a solid foundation in app design and optimization. Committed to leveraging collaborative skills in agile environments to enhance user experiences and drive impactful results. Currently engaged in the development of a vocal processing app, showcasing a passion for innovative audio solutions.

Professional Experience

Infosys, Mysore   March 2025 — April 2025
iOS App Developer Intern

- **Contributed to iOS App Development** for a Library Management System using Swift and UIKit in a cross-functional
- **Implemented Core User Features** including book search, borrowing/returning, and account management with a clean, intuitive UI.
- **Followed Agile Methodologies** by participating in Scrum ceremonies, sprint planning, and meeting development deadlines.
- **Strengthened Collaboration Skills** through L&D sessions on Business Conduct, Cultural Intelligence, Communication, and Teamwork.
- **Applied Best Practices** with Git for version control, RESTful API integration, and adherence to Apple Human Interface Guidelines.

Project   Present
Vocal Processing App

- **Developing a real-time multi-track audio mixer** in SwiftUI using AVFoundation and Core Audio, with custom waveforms and effects chaining.
- **Engineering an efficient audio engine** with AVAudioEngine, caching, and background processing for smooth performance.
- **Building a timeline editor** with track sync, PhotosUI-based media import, and multi-format export using UTTypes.
- **Designing a responsive SwiftUI** user Interface with GeometryReader, custom modifiers, and NavigationStack for adaptive layouts.

Education

B.Tech in Computer Science & Engineering
Galgotias University

Areas of Expertise

- Swift(Storyboard & SwiftUI)
- Java
- Basics of C
- iOS Development
- Frontend Development
- Xcode
- UIKit
- Debugging & Optimisation