ESHAN SINGH

iOS Developer

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Summary

I'm an iOS developer skilled in **UIKit**, **Swift**, and **Objective-C**, actively seeking an internship. I have experience working with both modern and legacy codebases and enjoy building and improving iOS apps using a variety of frameworks. I'm eager to bring my skills to a team where I can learn and contribute to impactful projects.

Experience

VideoLAN
iOS Developer
Remote
06/2024 - 08/2024

VideoLAN is a provider of multimedia software and technology.

- Developed and integrated cloud services functionality into the VLC media player for iOS, including support for PCloud, enhancing user access to cloud services.
- Added support for favorite folders in remote network shares, allowing users to avoid repetitive browsing and quickly access frequently used directories.
- Designed and implemented a user-friendly interface for browsing folder hierarchies, enabling seamless navigation of video and audio files within the VLC iOS app.
- Created a 'Recent Media' group to highlight newly added video files, improving user experience by providing quick access to newly added content.
- Optimized application performance and resolved bugs to ensure a stable and responsive user experience.
- Added support for local files and folder playback, allowing users to access and play video/audio items directly from the local file system or external drives.

Google Summer of Code - VideoLAN
tvOS Developer
Remote
06/2023 - 08/2023

An annual program sponsored by Google to introduce students to open source development.

- Integrated the VLCMediaLibraryKit into the VLC-tvOS application, contributing to UI enhancements and backend modifications.
- Modified the VLC codebase for seamless SDK integration, ensuring functionality for both iOS and tvOS apps using a shared codebase.
- Implemented distinct audio/video tabs and restructured the UICollectionView to align with SDK specifications, enhancing user experience.
- Adapted the Playback Service Class to leverage the SDK's API, enabling seamless playback continuation on tvOS.
- Implemented a comprehensive media file sorting feature, allowing users to sort audio/video files by categories such as date, duration, last played, and title.
- Crafted the entire Playlist User Interface from ideation to execution, ensuring a user-centric design approach.
- Developed the search interface by utilizing the searching API within the SDK, empowering users to easily locate audio/video files or playlists.

Key Achievements

✔ **Best App in UI/UX Category**
Awarded Best App in UI/UX Category at 'Singh in USA Hackathon'.

📈 **Invitation to VideoLAN Dev Days**
Received an invitation to VideoLAN Dev Days at Trinity College, Dublin, Ireland.

Skills

Git · Objective C · Swift · SwiftUI · UI/UX · UIKit · Xcode iOS tvOS

Projects

Mini Browse

I am developing a Mac app that allows seamless web browsing within another app's full-screen session, eliminating the need to switch tabs and enhancing the multitasking experience.

- SwiftUI, Bit of AppKit

Education

Manipal University Jaipur , B Tech CS 2021-25