Hegde K

Senior iOS Developer, 8+ years experience
Bagalkot, India
https://talrn.com/profile/senior-ios-developer-hegde-k/talf3392

+91 9820045154 | hr@talrn.com

Proficient in Swift, CocoaTouch Framework & Xcode ● Basic understanding of SwiftUI & Combine Framework ● Good understanding of SOLID principles ● Experienced with Design patterns like Delegation, Singleton, Strategy, Observer, Builder, Adaptor, Factory & Facade ● Experienced in utilizing architectural patterns such as MVC, MVVM, and Redux ● Experience with iOS frameworks such as CoreData & Core Animation ● Proficient in utilizing GCD, OperationQueue, and Swift Concurrency for managing concurrent tasks. ● Familiar with Firebase Cloud Message Service & implementing Remote Notifications ● Have experience working with package managers like Cocoa pods ● Maintaining & generating the Apple certificates & Provisioning profiles ● Experienced in working with CI/CD pipelines such as Azure and implementing build scripts. ● Familiar with RESTful APIs to connect iOS applications to back-end services ● Experience with performance and memory tuning with tools using Instruments & Xcode memory debugger ● Experienced in integrating third-party services and frameworks, including Firebase, Zoom, TrueCaller, WebEngage, Swiftlint, and Storybook for Native. ● Handling Third party library upgrades ● Have worked with troubleshooting tools like Charles, Postman, Wireshark, HE Network tools ● Solid knowledge of SourceTree, GitHub, JIRA, code reviews and processes ● Incorporated unit testing into the development process using XCFramework, ensuring the reliability and integrity of the codebase ● Experienced in agile development process

INDUSTRIES: Airline, Education

TECHNICAL SKILLS

• iOS	8 years
• Core Animation	8 years
• Restful API	8 years
• TDD	8 years
• iOS SDK	8 years
• Cocoa Pods	8 years
• Jira	8 years
• Unit Testing	8 years
• Swift	8 years
• Swift Package Manager	8 years
• github	8 years
• Cocoa Touch	8 years
• Agile	6 years
• Protocol orientation programming	6 years
• Payment Gateway	3 years
• Alomofire	3 years
• ObjectiveC	3 years
• Google analytics	3 years
• SwiftUI	1 years
• iOS concurrency	1 years

SOFT SKILLS

Teamwork, Time management, Problem-solving, Critical thinking, Communication

PROJECT DETAILS

• Amadeus February-2020 - February-2022

Project Description: Application development for Amadeus which is a company providing framework to create airline booking applications

Responsibilities: Contributed to the development of critical airline features, including booking and check-in functionalities, and successfully delivered them within the allocated time frame ● Collaborated on the integration of Firebase SDK and Firebase Google Analytics, as well as managing SDK upgrades effectively ● Developed a custom Analytics SDK utilizing the Swagger Codegen open-source tool and OAS (OpenAPI Specification) APIs ● Conducted a proof of concept (POC) and prototyped the usage of Storybook for Native, an open-source tool designed for building UI components and pages in isolation ● Proficient in conducting code reviews, creating comprehensive documentation, writing test cases, and delivering sprint demos. Responsible for managing library upgrades, pipeline upgrades, and branching for each release, as well as maintaining build scripts for automated pipeline builds ● Provided mentorship and guidance on internship projects focused on App Clips and widgets development ● Account holder, maintaining & generating the Apple certificates & Profiles in the organization ● Participated in Hackathons

Technologies: Swift

Industry: Airline

• Classplus

Project Description: Application development for Classplus which is a edu tech company, creating a platform for various individual teachers to provide their content to the students

Responsibilities: ● Successfully replaced third-party SDKs, such as Parchment and Lottie, with custom code developed in-house which reduced the app size by ~20MB ● Utilized OSLog framework within the project to enhance the efficiency of debugging process and address the issue more effectively ● Implemented WebEngage analytics service ● Played a significant role in enhancing app security through the implementation of SSL pinning, ensuring a robust and secure communication channel for data transmission ● Took ownership of integrating Zoom SDK & Truecaller SDK end-to-end implementation and discussion with cross functional teams about the requirements ● Implemented secure storage of sensitive data by utilizing the KeyChain framework, ensuring the protection and confidentiality of confidential information ● Recognised as Ms.Consistent for the successful collaboration with the Zoom team in implementing the SDK

Technologies: Swift, core data, concurrency

Industry: Education

EMPLOYMENT HISTORY

• Senior iOS Developer February-2022 - September-2023

Description: Successfully replaced third-party SDKs, such as Parchment and Lottie, with custom code developed in-house which reduced the app size by ~20MB ● Utilized OSLog framework within the project to enhance the efficiency of debugging process and address the issue more effectively ● Implemented WebEngage analytics service ● Played a significant role in enhancing app security through the implementation of SSL pinning, ensuring a robust and secure communication channel for data transmission ● Took ownership of integrating Zoom SDK & Truecaller SDK end-to-end implementation and discussion with cross functional teams about the requirements ● Implemented secure storage of sensitive data by utilizing the KeyChain framework, ensuring the protection and confidentiality of confidential information ● Recognised as Ms.Consistent for the successful collaboration with the Zoom team in implementing the SDK

• Senior Software Engineer February-2020 - February-2022

Amadeus Labs

Description: Contributed to the development of critical airline features, including booking and check-in functionalities, and successfully delivered them within the allocated time frame ● Collaborated on the integration of Firebase SDK and Firebase Google Analytics, as well as managing SDK upgrades effectively ● Developed a custom Analytics SDK utilizing the Swagger Codegen open-source tool and OAS (OpenAPI Specification) APIs ● Conducted a proof of concept (POC) and prototyped the usage of Storybook for Native, an open-source tool designed for building UI components and pages in isolation ● Proficient in conducting code reviews, creating comprehensive documentation, writing test cases, and delivering sprint demos Responsible for managing library upgrades, pipeline upgrades, and branching for each release, as well as maintaining build scripts for automated pipeline builds ● Provided mentorship and guidance on internship projects focused on App Clips and widgets development ● Account holder, maintaining & generating the Apple certificates & Profiles in the organization ● Participated in Hackathons

• Software Engineer - iOS February-2017 - July-2020

Pulse secure Ind Pvt Ltd

Description: Successfully integrated the Network Extension Framework into an iOS VPN application ● Worked on IPv6 related feature development and Host Checking. ● Worked on VPN profile migration from one iOS version to another using cert caching in Keychain. ● Led the development of the Advanced Diagnostic Reports feature, which enables the collection of comprehensive information related to issues and provides flexible sharing options via email, AirDrop, and other installed apps on the device. ● Followed Test Driven Development, Continues Integration of code, run Analyser in Xcode to detect loopholes. ● Handled critical and customer issues, fixed issues in app and cross platform code on time. ● Took initiative of addressing technical debts in iOS ● Thoroughly documented the functional specifications of new features and effectively shared them with the team. Additionally, regularly demonstrated the progress of feature development during sprint meetings ● Participated in Hackathon and created a Widget for iOS app

• Associate software developer July-2015 - February-2017

Y media labs

Description: Commenced professional journey as an iOS application developer, utilizing Swift for development ● Engaged in extensive UI screen development, incorporating Auto Layout to ensure responsive and adaptable UI elements ● Developed a standalone module specifically for Pie Chart functionality ● Implemented the latest version of Swift across all current and ongoing projects ● Added Unit Test in all projects ● Collaborated on multiple projects with diverse teams of varying sizes ● Recognised as a Star Performer for exceptional achievements and outstanding performance

CERTIFICATION

- SwiftUI Essential Training by LinkedIn 0
- Swift5 Essential Training by LinkedIn 0
- Learning Higher-Order functions with Swift by LinkedIn 0
- iOS Development: Architecture by LinkedIn 0

EDUCATION

• Bachelors degree in Computer science from KLE Technological University - Hubli, KA, India 2011 - 2015

LANGUAGES

• English - advanced

+91 982 004 5154 Talrn- Labor Omnia Vincit hr@talrn.com

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