Karan Khullar
Senior Software Engineer- iOS developer

+91 9872028121 | +1 4372629415 | karankhullar126@gmail.com | linkedin.com/in/karan-khullar-79577091/ | karankhullar126.github.io/

WORK EXPERIENCE

FIS GLOBAL

Senior Software Engineer, iOS   *August 2021- Present*
- Engaged in Mobile applications development for banking solutions using **Swift, Angular, React Native and Ionic**.
- Write efficient code with Unit test cases in Angular, Swift with **XCTest and XCUITest**.
- Conducted thorough **code reviews**, resulting in reduction in bug reports and improvement in app stability.
- Developed reusable frameworks for **HTTP client**, **Local Biometric authentication, UI components** and more, resulting in better code management.
- Creating builds with Bitrise Pipelines for **TestFlight** and **Appstore**. Moreover, publishing frameworks and features.
- Follow **Agile**/scrum software development methodology.
- Collaborated with cross-functional teams to debug production issues, reducing average defect resolution time

CHICMIC

Software Engineer, iOS   *January 2017 - August 2021*
- Designed and Developed iOS mobile application using **Swift, Objective-C.**
- Designed and implemented highly responsive and intuitive user interfaces utilising **UIKit, SwiftUI,** resulting in increased user engagement metrics and reduction in bounce rates, contributing to an enhanced user experience and improved retention rates.
- Implemented different architectures including **MVVM, MVC.**
- As a solo developer helped the team grow by **managing projects, clients and estimations**.
- Individually managed HODL, a crypto currency application which has a significant number of users.
- Effectively utilised Git(**GitHub/Gitlab/Bitbucket**) for version control in projects, ensuring streamlined collaboration among team members and maintaining a clear history of code changes.

TECHNICAL SKILLS

Languages: Swift, Objective-C, Angular, TypeScript, Javascript
Frameworks: SwiftUI, UIKit, XCTest, CoreData, CoreAnimation, CoreLocation, MapKit, AVFoundation, AVKit, Firebase, StoreKit, CloudKit, ARKit, Combine, Ionic, React Native, Expo, Redux
Architecture & Design: MVC, MVVM, Singleton, Delegation, Protocol-Oriented Programming, Dependency Injection
Developer Tools: Xcode, Cocoapod, Visual Studio, Slack, Jira, Trello, Rally, Postman, Git(GitHub/Gitlab/Bitbucket), Carthage
Performance Optimization: Instruments, Memory Management
Others: Machine Learning, Push notifications, Code Signing, AppStore, RESTful APIs, Debugging, Auto layout, Object Oriented Design, Localization, Accessibility, VoiceOver, SOLID principles, CI/CD (Bitrise)

PROJECTS

FIS Mobile Bank
- **Swift, Angular, Ionic, XCTest, Git, ThreatMetrix**
- **Login authentication** including single factor, Multifactor and risk profiling and **Local Authentication** for Biometrics.
- Implemented polymorphism and Liskov Substitution Principle to reuse the different multi-factor authentication flow.
- Digital check deposits and eTransfer

HODL (AppStore Link)
- **Swift, UIKit, Cocoapod, Firebase analytics, Push notifications**
- Track everything for your **cryptocurrencies**: Real-time charts & prices from all global exchanges using **sockets.**

Nightsky (AppStore Link)
- **SwiftUI, UIKIt, SceneKit, ARKit, Combine**
- Developed and managed complex tree structures with 3D nodes in ARKit, enabling real-time interactions.

Memriez
- **UIKIt, MVVM, CloudKit, Operation queues, Core Data**
- Utilized operation queues to optimize iCloud data synchronization and ensure real-time data updates across devices.

EDUCATION

CGC, Punjab Technical University
Masters in computer applications(MCA)   *2014-2017*

Panjab University
Bachelors in computer applications(BCA)   *2011-2014*