

WORK EXPERIENCE

FIS GLOBAL

Software Engineer(iOS)
Present

August 2021 -

- Engaged in Mobile applications development for banking solutions using **Swift, Angular 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)
2021

January 2017 - August

- 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

Frameworks: SwiftUI, UIKit, XCTest, CoreData, CoreAnimation, CoreLocation, AVFoundation, AVKit, Firebase, StoreKit, CloudKit, ARKit, Combine, Ionic

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

PROJECTS

FIS Mobile Bank

- **Swift, Angular, Ionic, XCTest, Git**
- **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.

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- **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