

EDUCATION

Punjab Technical University

Masters in computer applications(MCA)

2014-2017

Panjab University

Bachelors in computer applications(BCA)

2011-2014

WORK EXPERIENCE

FIS GLOBAL

Software Engineer(Mobile)

August 2021- Present

- 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 **XCTest**.
- Conducted thorough **code reviews**, resulting in reduction in post-release bug reports and improvement in app stability.
- Developed frameworks for **URL Session HTTP client implementation, Local Biometric authentication** 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.

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 utilizing **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 utilized Git(**GitHub/Gitlab/Bitbucket**) for version control in projects, ensuring streamlined collaboration among team members and maintaining a clear history of code changes.

PROJECTS

FIS Mobile Bank

- **Swift, Angular, Ionic, XCTest, Git**
- **Local Authentication** for Biometrics.
- **Login authentication** including single factor, Multifactor and risk profiling
- Digital check deposits.

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**
- 360 degree night sky with Jewels in stars elaborating details of designer jewels in a 3D space.

Memriez

- **UIKit, MVVM, CloudKit, Operation queues, Core Data**
- Digital Journal sync on iCloud including text, images, sound and social media posts

TECHNICAL SKILLS

Languages: Swift, Objective-C, Angular

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

Architecture & Design: MVC, MVVM, Singleton, Delegation, Protocol-Oriented Programming

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, Autolayout, Object Oriented Design, Localization, Accessibility