

NAVNEET SINGH GILL

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PROFILE SUMMARY

- 6+ years of iOS development experience with over 35+ applications on Appstore
- Extensive Swift and Objective-C knowledge along with latest iOS frameworks and SDKs
- Expert at TDD approach along with integration, unit and UI tests
- Familiar with human Interface guidelines for app development and deployment on Appstore
- Great knowledge of SPM, Git, SVN, GitHub, and SDLC
- Experienced with CI/CD pipelines and Appcenter

TECHNICAL KNOWLEDGE

- **Languages:** Swift, Objective-C, React native, Basic Android
- **iOS skills:** SwiftUI, UIKit, Autolayout, Core Animation, SPM, RESTful APIs, SOAP, XCTest, Accessibility
- **Tools/SDK:** XCode, Sketch, Swagger, AWS, GitHub, Git, JIRA, Confluence, Appcenter, API tools
- **Databases:** Core Data, SQLite, MySQL
- **Subjects:** Data structures, Algorithms, OOPs
- **Designs:** MVVM, CLEAN architecture, VIPER, MVC, Reactive

EDUCATION

University of Windsor	Windsor, ON, Canada
Master of Applied Computing	Sep 2019 - Dec 2020
Rajiv Gandhi Technical University	India
Bachelor of Engineering, Information Technology	Jun 2011 - May 2015

PROFESSIONAL EXPERIENCE

iOS Developer (Contract)	Toronto, ON, Canada
Hongkong and Shanghai Banking Corporation (HSBC)	Jul 2022 – Feb 2023
<ul style="list-style-type: none">• Contributed as an agile iOS developer on different region-based projects, with small to large-scale libraries for the HSBC global app with Test-driven approach using SwiftUI and UIKit• Implemented XCTest, UITests, and snapshot testing for better reliable code with API handling• Worked as a team member for maintaining Github and add new features using Swift practices with VIPER and MVVM design pattern	
Sr. Application Developer (Full-time)	Toronto, ON, Canada
Canadian Imperial Bank of Commerce (CIBC)	Apr 2021 – Jun 2022
<ul style="list-style-type: none">• Worked as an iOS developer for the CIBC main app which is a mix of Objective-C and Swift along with custom frameworks for maintaining and improving the global app• Contributed as an Individual and a team member for the upcoming features using the latest Swift practices with CLEAN swift architecture being the design pattern	
iOS Software Engineer (Full-time)	India
CasaDigi	Aug 2018 - Jul 2019
<ul style="list-style-type: none">• Worked as an iOS developer to ensure the IoT and security perspective of iOS home automation application products (VIPER, MVC, RSA, keychain, Git)	

- Designed and implemented the architecture of **IoT** application using Swift and Objective-C with bridging
- Created high-end UI with **Autolayout** and size classes along with incredible animations
- Implemented **SQLite** and keychain storage along with RSA encryption
- Integrated **RESTful** APIs and Sockets for CRUD operations and hardware (TV, music system, AC, etc) control using iPad/iPhone

iOS Developer (Full-time)

India

Bestpeers

Aug 2017 - Jul 2018

- Established an iOS team and led 3 projects (**Face recognition, payment gateway, keychain**)
- Implemented a new payment application to build a pay-as-you-go service with Integrated face recognition, credit card, and bar code reading capabilities
- Created **certificates** and **provisioning profiles**; and deployed production iOS applications on Appstore for internal and external testing (staging) using **Fastlane** with efficient **Grand Central Dispatch** (GCD)
- Created multiple **Pods** to distribute in community and for self-growth

Associate iOS Engineer (Full-time)

India

Systango

Jun 2015 - Jul 2017

- Worked as a developer to implement 15+ projects based on Swift, Objective-C (iCloud Storage, AWS S3)
- Created E-commerce, chat applications, and extensive animation apps individually and/or with a team
- Implemented apps based on iCloud, push notifications, and more
- Participation in backend database RESTful APIs for making iOS apps flexible, and less complex

MOST RELEVANT PROJECTS

CasaDigi (Xcode, Swift, Autolayout, Size classes, RSA, VIPER, MVC, Git)

- **Spatial reasoning** to design the IoT application architecture with 1 touch access in mind
- Integrated **RESTful** APIs and Sockets for CRUD operations and hardware (TV, music system, AC, etc) control using iPad/iPhone
- Scrum and Agile proficiency with JIRA along with code management using Git on Github/Bitbucket

MentalSnapp (Xcode, Swift, AWS S3, AVFoundation for Audio/Video, MVC, Git)

- Implemented **audio/video** feature using AVFoundation to record the emotion of patients
- Added **Chat functionality** to let doctors assist patients and used **AWS-S3** for storage and analysis
- Distributed app for internal testing before deploying on Appstore

Peruze (iCloud, Swift, CAAAnimations, Git)

- Created iCloud based backed to store user data making it independent of any other technology than iOS
- Implemented smooth animations using UIViews and CAAAnimations and created components for reusability and cleanliness
- Used Apple developer portal to design the database for CRUD operations