NAVNEET SINGH GILL

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PROFILE SUMMARY

- 8+ years of iOS development experience with over 50+ applications on Appstore
- Extensive SwiftUI and Swift knowledge along with latest iOS frameworks and SDKs
- Great knowledge of SPM, Git, GitHub, and SDLC
- Expert at TDD approach along with integration, unit and UI/Snapshot tests
- Familiar with human Interface guidelines for app development and deployment on Appstore
- Experienced with Jenkins, CI/CD pipelines and Appcenter

TECHNICAL KNOWLEDGE

- **Languages:** Swift (SwiftUI, UIKit), Objective-C
- **iOS skills :** SwiftUI, UIKit, Accessibility, Animations, SPM, RESTful APIs, SOAP, XCTests
- **Tools   :** XCode, Sketch, Swagger, AWS, GitHub, Git, JIRA, Confluence, Appcenter, API tools
- **Database   :** Core Data, SQLite, MySQL
- **Designs   :** Declarative, MVVM, CLEAN architecture, VIPER, MVC
- **Subjects :** Data structures, Algorithms, OOPs

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

Software Engineer II (Full-time)   Toronto, ON, Canada

Toronto-Dominion Bank (TD)   June 2023 – Present

- Designing and implementing common components in **SwiftUI**, to be used in TD US and Canada
- Is responsible for maintaining **Accessibility**; Unit, and **Snapshot** tests; and **multilingual** standards
- Maintaining a bunch of custom libraries and repositories to minimise the load on a single point and for more developer readiness along with control
- Working in a diverse agile environment with ever changing requirements

iOS Developer (Contract)   Toronto, ON, Canada

Hongkong and Shanghai Banking Corporation (HSBC)   Jul 2022 – Feb 2023

- 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 **XCTests, 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

- 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
- 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 multiple 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

TD and **CIBC** (SwiftUI, Accessibility, Unit and Snapshot tests, Jenkins, Bitbucket)
- Developed and maintained apps based on countries, languages, user accessibility, common components and more
- Used latest SwiftUI advancements along with Unit and Snapshot testing every step of the way in a declarative way to serve millions of customers confidently

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 doctots assist patients and used **AWS-S3** for storage and analysis
- Distributed app for internal testing before deploying on Appstore