github.com/jigar007
au.linkedin.com/in/jigar007
stackoverflow.com/story/jigar007

Jigar Thakkar

iOS Developer

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Summary	A curious, diligent, and result-driven Software Engineer with extensive experiences in Agile, Kanban, and Scrum SDLC models including requirements definition, prototyping, interface implementation, and testing. Supportive and enthusiastic self-managed team player dedicated to streamlining processes and good at finding 'out of the box' solutions.

Key Qualities

- More than 2.5 years of professional Mobile development experience especially in iOS around Location and IOT (**iBeacons)** based applications
- Experienced working in a professional environment where code flows through various process like Lint (SwiftLint), CI, **code reviews** and PRs (Pull requests)
- Knowledge of various software engineering best practices including **TDD, BDD** and pair programming
- Excellent problem-solving skills, including how to identify complex computing problems, handle abstractions, prepare technical solution designs and validate solutions against requirements
- Able to write clean and readable code by using various approaches from object-oriented (**Encapsulation, Inheritance, Polymorphism, and Abstraction**), procedural, and declarative (Immutable, and pure functions) paradigms which implement separation concerns
- Experience with a wide range programming of languages like **Java, Objective-C, Swift, Haskell, Python, and C#** during an academic and professional career
- Extensive experience in working with Swift 4, and various frameworks like UIKit, Foundation, Swift standard library, **HealthKit, UserNotifications**, CoreTelephony and especially **Core Location**

Work Experience

Mobile Developer, For Locally (formerly Digital2Go); Melbourne, Australia   *Jun 2018 – Current*
Project Name: LocationCore App/SDK, Engauge App, Discover SDK and Banamex App
Achievements:

- Successfully implemented SDKs (Pods), which can effortlessly use by other third-party developers
- Worked on Export features for a **NEM cryptocurrency wallet**
- Integrated app with various social media and data providing platforms like **Facebook, Instagram, LinkedIn, Foursquare and HealthKit**
- Provided features to legacy Banamex-Mexico (Citibank group) IoT based banking application to extend features like survey popups when the user leaves out of the bank
- Implemented Crashlytics, Fabric (now Firebase) and TestFlight for test analysis and solving crash bugs in production
- Worked on Digital2GO, App for location-based advertisements, by the utilizing power of iBeacons and Geofences.
- App Store link: https://itunes.apple.com/us/app/digital2go/id1171196479

iOS Developer, For prAIject Pty Ltd; Sydney   *Feb 2018 – Jun 2018*
Project Name: Leavly, Kintell (Similar to AirTasker)
Achievements:

- Build MVP of Leavly an app for leave management system and payroll which can expand to integrate with Xero and myob
- Implemented **Firebase** real-time databases, storage and notification functionality
- **Custom complex UI components like Calendar View** integration in to App
- Successfully crafted Android and iOS app for reception/ appointment management and uploaded to the app store in very short time.
- App Store link: https://itunes.apple.com/us/app/kintell/id1419104805
- Play Store link: https://play.google.com/store/apps/details?id=com.kintell

Mobile Developer, For PHORIA through Microsoft SocialNUI; Melbourn. *Jul 2017 – Nov 2017*
Project Name: A Gamification based Virtual Reality Exposure Therapy for Oncology Patients
Achievements: Successfully implemented VR application, with 360 CT scan environment video, with UI for gamification on top of that, with sensors data gathering on remote server for what user is doing in 360 VR.

- Performed **User experience research** by various studies and surveys
- Followed **Agile** with **CD/CI** and Test-Driven development methodologies
- Building high-performance **Virtual Reality** application in Android Application platform which runs on **Samsung Galaxy Gear VR**
- Developed new features and functionality through **RESTful API** services **(SOA)**, re-writing few prewritten codes to improve efficiency with tools like **Unity 5.6.3, C#** and **Oculus SDK**
- Implemented real-time **Firebase** communication channel between client's device and server to collect sensor data generated by **Accelerometer, Gyroscope and Proximity** sensor
- Check out more about project: phoria.com.au/projects/dream3d-mcri

iOS Developer; Melbourne, Australia *Jan 2017 – Jun 2017*
Project: Kiosk food ordering application for Supremie Noodle Restaurant located in Jakarta, Indonesia
Achievements: Successfully implemented iPad application kiosk application while learning swift in a very short time in collaboration with remote team of developers and designers

- Implemented food ordering application for **iPad** so customers can **select, customize** and **pay** for order without any assistance (Same as McDonald's **self-order machine**)
- Check out more about project: github.com/jigar007/Noodle-Restaurant-iOS-app

Software/iOS Developer Intern, iCreate Technologies; Ahmedabad, India *Jan 2015 – Jan 2016*

- Developed iOS applications with **Objective-C** using **MVC** architecture and integration with RESTful APIs.
- Programmed with **Cocoa pods** as an application level dependency manager to manage external libraries.
- Used various APIs available from Facebook, Google, and Twitter for **OAuth2.0** authentication
- Designed database in **Realm**
- Tested pre-built features like APIs to discover bugs, fixing them and releasing into production
- App Store Link: itunes.apple.com/in/app/amco-bank/id1134477931

Skills		
	Programming Languages: Objective-C and Swift for iOS, Java and Kotlin for Android, C# for Unity, Haskell **Cloud/DevOps/CI/CD Tools**: AWS, OpenStack, Docker, Ansible, Bamboo, Trello, Slack, Jira, Confluence, Postman, TestFlight, HockeyApp, Crashlytics	**Design/Prototyping Tools**: Photoshop, Sketch with Zeplin, Avocode, Sympli, balsamiq, invisionapp **Front-end web development**: Bootstrap **Database**: MySQL, Firebase NoSQL DB, Realm **Version Control:** Git, GitHub, Bitbucket**,** SourceTree

Education

University of Melbourne; Melbourne, Australia *Feb 2016 - Dec 2017*
Masters of Informational Technology
Gujarat Technological University; Ahmedabad, India *Jun 2011 - Jun 2015*
Bachelor of Engineering in Information Technology

community Involvement

- Volunteer at BAPS charities; Melbourne, Australia *Feb 2016 - May 2017*
- Volunteer in various activities like tree plantation, quit addiction drive, dram and acting, and various other social and cultural activities.
- Involved in various Meetups, Hackathons and volunteer at **Google developer group** in Melbourne.
- Professional membership of **Australian computers society (ACS),** and regularly attaining conferences, workshops and meetups.