Jigar Thakkar

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Location : Sydney, Australia
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SUMMARY

Experienced iOS developer with 5 years of experience across various industries, including startups, government, retail, and banking.

EDUCATION

- **University of Melbourne** — Melbourne, Australia
  Masters of Informational Technology — *Feb 2016 – Feb 2018*

- **Gujarat Technological University** — Ahmedabad, India
  Bachelor of Engineering in Information Technology — *Jun 2011 – Jun 2015*

PROFESSIONAL EXPERIENCE

- **Macquarie Bank** — Sydney, Australia
  Senior iOS Engineer - Contract with Hudson — *Jan 2023 - Present*
  - Playing a key role in developing the critical Cash flow tracker in-app widget for one of the largest digital-only bank in Australia with **500,000+ monthly active users**
  - Working iOS projects with over **410,000 lines of code**, utilizing Xcode to organize multiple smaller projects that compile to frameworks.
  - AppStore Link: https://apps.apple.com/au/app/macquarie-mobile-banking/id942349750

- **Coles Group** — Melbourne, Australia
  Senior iOS Engineer - Contract with Talent International — *Jun 2022 - Dec 2022*
  - Delivered new product categories and implemented an improved version of the home page designs for Australia's second-largest grocery ordering application in time for the Christmas season, serving over **50K daily active users**
  - Implemented universal links to seamlessly integrate the app and website, improving user experience and driving engagement
  - Extensively leveraged the latest declarative and functional reactive programming principles by using Combine and AsyncSequence for networking and user event processing
  - Successfully implemented new product categories such as liquor and tobacco, which required unique legal compliance requirements for viewing and ordering, including age and identity verification
  - Ensured existing features are accessible for all users by making them compliant with dynamic type and voice-over technologies, improving usability and user experience
  - AppStore Link: https://apps.apple.com/au/app/coles/id529118855

- **Two Bulls – Service Victoria** — Melbourne, Australia
  iOS Developer - Contract with Talent International — *Oct 2021 – Jun 2022*
  - Delivered time-sensitive critical features related to COVID-19, such as QR code signing and vaccination certificates, which were used by over **800K daily active users**
  - Worked on a complex and large codebase with over 80K lines, utilizing a diverse range of technologies and architectural design patterns, where the entire user interface was programmatically created in UIKit
  - Implemented accessibility requirements to ensure the app can work responsively with large text sizes and VoiceOver

- **Sunsuper – Now Australianreti Rement Trust** — Brisbane, Australia
  iOS Developer - Contract — *Jul 2021 – Sep 2021*
  - Successfully led the merger and rebranding of Sunsuper and QSuper application, ensuring seamless transition for 30K monthly active users without any impact on the user experience

- **Kintell Pty Ltd – Kintell.com** — Sydney, Australia
  iOS Developer — *Jan 2019 – Jun 2021*
    - Led the development and launch of video and chat applications using Twilio and SwiftUI as the sole full-time iOS developer for a fast-paced startup
    - Collaborated closely with John Sundell, a well-known blogger and influencer in the iOS community, to maintain the quality and technical direction of the project
    - Leveraged cutting-edge technologies such as **SwiftUI and Combine** to build a robust and scalable solution that would last for years
    - Successfully integrated legacy UIKit components into a SwiftUI project using **UIViewControllerRepresentable** and **UIViewRepresentable** protocols
    - Integrated Twilio's Chat and Video SDK using the Swift Package Manager and single-handedly published the video conferencing and chat app to the App Store using the Twilio API
    - AppStore Link: https://apps.apple.com/au/app/kintell/id1419104805

- **Digital2Go** — Melbourne, Australia
  iOS Developer - Contract — *Jun 2018 – Dec 2018*
    - Worked as a CocoaPods developer to distribute compiled versions of libraries to be used by third-party developers
    - Developed and contributed to a diverse range of applications, including those in the retail, cryptocurrency, banking, and location-based sectors
    - Integrated app with various social media and data-providing platforms including Facebook, Instagram, LinkedIn, Foursquare, and HealthKit
    - Implemented additional features to the IoT-based banking application of Banamex-Mexico (Part of Citibank group) using iBeacon technology, including survey popups that appear when the user leaves the bank
    - Implemented Crashlytics, Fabric (now Firebase), and TestFlight for test analysis and solving crash bugs in the production environment
    - Worked on an app for location-based advertisements using Core Location framework, utilizing the power of iBeacons and Geofences
    - Distributed application using Apple Developer Enterprise account to internal and external testers and other stakeholders

SKILLS

- **Programming Languages**: Proficient in Swift, with familiarity in Objective-C

- **UI Frameworks**: Experience working with traditional iOS UI development through Storyboards and Xibs, as well as new declarative UI frameworks such as SwiftUI

- **iOS Frameworks**: Experience with various iOS frameworks including CoreLocation, HealthKit

- **Asynchronous Programming**: EExperienced in implementing asynchronous programming concepts using various tools such as the Dispatch framework, OperationsQueue, and the new Swift async/await APIs

- **Functional Reactive Programming**: Experience in working with Combine, RxSwift, and ReactiveSwift

- **Testing**: Experience in writing unit tests using XCTest framework and UI tests with Applitools

- **Architectural Design Patterns**: Familiarity with common iOS design patterns such as MVC and MVVM

- **Version Control**: Experience with version control systems such as Git, as well as advanced Git commands such as cherry-pick and rebase

- **Dependency Management**: Experience with Cocoapods, Carthage, and Swift Package Manager

- **Agile Methodologies**: Experience with Agile development methodologies, specifically Scrum and Kanban