

JAKKAM DEEP KUMAR

Mobile App Developer

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PROFILE

Experienced Mobile and Web App Developer with 10+ years of end-to-end development expertise across iOS, Android, and web platforms. Specialized in building high-performance, cross-platform applications using **Swift**, **Objective-C**, **Kotlin**, **SwiftUI**, **React Native**, and **React.js**. Proficient in integrating cloud services (**AWS**, **Azure**), managing CI/CD pipelines, and implementing secure, scalable solutions. Strong background in Agile environments, app store releases, and team leadership across healthcare and enterprise domains.

WORK HISTORY

Lead iOS Engineer

11/2024 – 04/2025

United Airlines

Houston, TX

- Led cross-platform development of high-performance apps using **Swift**, **Objective-C**, **SwiftUI**, **Kotlin**, and **Jetpack Compose** in **Xcode** and **Android Studio**.
- Applied **MVVM** and **MVC** patterns to modernize app architecture, deprecate legacy modules, and boost scalability.
- Built and managed **CI/CD pipelines** using **Azure DevOps**, automating testing, builds, and deployments across iOS and Android.
- Integrated with **Rainmaker APIs** to deliver personalized experiences, remote UI config, analytics, and campaign tracking.
- Diagnosed performance issues using **Xcode Instruments** and **Android Profiler**; implemented **Firebase Crashlytics**, Remote Config, and push notifications for stability.
- Utilized **Swift Concurrency (async/await)**, **GCD**, and **Kotlin Coroutines** to handle multi-threaded operations.
- Drove Agile processes with Jira, coordinated sprint goals with cross-functional teams, and ensured accessibility compliance across platforms.
- Used **Fastlane** and **Xcode Cloud** for automated app distribution; implemented **Apple Wallet**, **Room DB**, **Retrofit**, and **MapKit** integrations.

Tools & Tech: Swift, Kotlin, SwiftUI, Jetpack Compose, Azure DevOps, Firebase, Rainmaker, CI/CD, REST APIs, URLSession, Room, XCTest, Accessibility Standards

Appstore Link: <https://apps.apple.com/us/app/united-airlines/id449945214> 

Lead Mobile Application Developer

08/2023 – 10/2024

T-Mobile

Houston, TX

- Implemented **Back Order** and **Pre-Order** flows on PDP using **Swift**, improving sales of out-of-stock items and enhancing accessibility compliance.
- Developed a modular **PDP Image Carousel**, resolving media playback bugs (e.g., YouTube) and improving reusability across screens.
- Built performant **PLP Device View**, and dynamic **TMO Product Card UI**, streamlining product rendering and boosting responsiveness.
- Integrated multiple REST APIs for **Line Details**, **Promotion List**, and **Promotion Detail**, enabling real-time content and eligibility logic.

- Delivered the **BOPIS (Buy Online, Pick-up In Store)** feature with **Fulfillment API** integration and custom store modal UI.

Tools & Tech: Swift, UIKit, React.js, REST APIs, Accessibility, BOPIS, API Integration, Modular UI Components, Agile

Playstore Link: https://apps.apple.com/us/app/t-life/id1111876388?icid=MGPO_TMO_U_MYTMOAPP_5E76C40D4DA40AF037686 

Lead iOS Engineer

Locus

11/2020 – 04/2023

California

- Led full mobile development lifecycle using **React Native**, defining architecture and best practices for scalable cross-platform apps.
- Mentored teams via **chapter meetings**, **mob sessions**, and knowledge shares to drive technical growth.
- Designed responsive, intuitive UIs aligned with business needs, delivering high-quality **UX** across iOS and Android.
- Performed **code reviews**, manual QA, and unit testing to maintain robust, bug-free releases.
- Handled **Jira** ticketing and resolved production issues rapidly through debugging and iterative fixes.
- Used **Bitbucket**, **SourceTree**, **CI/CD pipelines**, **Xcode**, and **Android Studio** for streamlined development and releases.
- Published and maintained apps on both **Apple App Store** and **Google Play Store**.

Tools & Tech: React Native, Swift, Kotlin, JavaScript, Firebase, Core Data, AWS, Azure, CI/CD, Jira, Bitbucket

Appstore Link: <https://apps.apple.com/us/app/locus-on-the-road/id1348839162> 

IT Programmer(Application Developer)

Decathlon Sports

05/2019 – 10/2021

Bangalore, India

- Engineered **RESTful web services** for cross-platform apps using **React Native** and **React.js**, enabling dynamic and scalable data delivery.
- Designed high-fidelity **UI/UX mockups** and optimized navigation flows across iOS, Android, and web platforms to enhance user experience.
- Built and maintained **CI/CD pipelines** to automate testing, builds, and releases, accelerating development cycles and ensuring code quality.
- Developed hybrid and native apps using **React.js**, **React Native**, **Swift**, **Objective-C**, and **Kotlin**, following modular architecture principles.
- Integrated cloud services (**Firebase**, **AWS**), **Push Notifications**, **Core Data**, **Auto Layout**, and **MapKit** for robust app functionality.

Tools & Tech: React.js, React Native, Swift, Objective-C, Kotlin, SwiftUI, CMS, Firebase, AWS, CI/CD, API Integration, MapKit, Apple Wallet

• **Playstore Link 1:** <https://apps.apple.com/in/app/decathlon-online-shopping-app/id1387810949> 

• **Playstore Link 2:** <https://apps.apple.com/in/app/play-by-decathlon/id1480541618> 

Mobile (Android & IOS) Lead

Happay - Business Expense Management

05/2016 – 05/2019

Bangalore, India

- Led **end-to-end iOS app development** and delivery to **App Store** and enterprise channels, ensuring timely and stable releases.
- Managed all phases of mobile platform lifecycle, including **client communication**, requirement gathering, and delivery.
- Mentored team on **code quality**, architecture, and scalable class structures using **Objective-C** and **Swift**.

- Integrated **push notifications**, handled **APNS certificates**, and implemented custom alert and notification flows.
- Built feature modules using **child view controllers**, **auto-rotation detection**, and **Core Animation** for smooth UI interactions.

Tools & Tech: Objective-C, Swift, Core Data, Core Location, UIKit, Multithreading, APIs, Apple UI Guidelines, Storyboard, GCD,NSUserDefaults, APNS, Media Player

- **AppStore Link 1:** <https://apps.apple.com/in/app/happay-expense/id1169381152> 
- **AppStore Link 2:** <https://apps.apple.com/in/app/happay-travel/id1558617666> 
- **AppStore Link 3:** <https://apps.apple.com/in/app/happay-payroll/id6443620914> 

Software Engineer

Creed Global Technologies

01/2014 – 04/2016

Bangalore, India

- Designed and prototyped software applications and complex user interfaces based on client requirements.
- Used **version control systems** to track feature development and bug fixes; participated in stakeholder meetings for roadmap planning.
- Conducted **feasibility studies** and proof-of-concepts for new features and architecture improvements.
- Provided **end-user support** and performed debugging using **JIRA** and **GitLab**.
- Authored **technical documentation** on system architecture and development processes.
- Automated manual workflows by implementing reusable software components.
- Applied latest technologies to improve efficiency and system reliability.

Tools & Tech: Objective-C, Xcode, Cocoa Touch, Cocoa Frameworks, AVFoundation, AFNetworking, MapKit, Core Location, iOS 7–9, Mac OS X

SKILLS

- **Mobile Platforms:** iOS, Android
- **IDE & Tools:** Xcode, Android Studio
- **Web & Cross-Platform:** React.js, React Native
- **Languages & Frameworks:** Swift, Objective-C, SwiftUI, Kotlin, JavaScript, React Native
- **UI Frameworks:** UIKit
- **Cloud Services:** AWS, Azure
- **Architecture & Practices:** CI/CD, Unit Testing
- **Other Skills:** Swift programming, UI/UX best practices, performance optimization

EDUCATION

Master Of Technology : Software Systems

Birla Institute of Technology

India

CERTIFICATIONS

- iOS
- React JS
- React Native
- Swift
- SwiftUI