SHUJA UD DIN

Lead Mobile Developer

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Summary

Lead Mobile Developer with 10+ years of experience delivering production-ready, scalable, and secure **React Native, iOS, and Android** applications, with a strong focus on **SaaS and enterprise solutions**. Expert in **React Native, TypeScript, Swift, SwiftUI, UIKit, Kotlin, and Java**, with deep hands-on experience in **MVC, MVVM, VIPER, Clean Architecture**, protocol-oriented design, multi-threading, memory management, caching, performance optimization, localization, and mobile security best practices. Skilled in building intuitive, high-performance UIs for complex data input and visualization, integrating **REST and GraphQL APIs**, implementing push notifications, deep linking, analytics, and managing global app releases using **Fastlane and CI/CD pipelines**.

Proven track record of **leading and mentoring mobile teams**, taking full ownership of the product lifecycle from prototyping to App Store and Play Store release, and collaborating closely with Product, Design, and QA in remote **Agile** environments. Strong experience in **unit testing and UI testing** (Jest, Detox, XCUITest, Espresso), SnapshotTesting, and automated QA pipelines to ensure long-term reliability. Hands-on with **cloud services, AI-assisted workflows, async/await, coroutines**, and modern concurrency models. Familiar with **ARKit, Google Maps / Mapbox**, and cross-platform strategies that balance performance with speed to market.

Experience

Lead Mobile Developer, *Beyon Money - BFS • Bahrain*   06/2022 – Present

Tech Stack: Swift, SwiftUI, UIKit, React Native, JavaScript/TypeScript, Swift Package Manager (SPM), Apple Pay, Apple Wallet, WKWebView, Combine, Firebase, REST APIs, MVVM, Git, Jenkins, CI/CD, Unit Testing App Store: https://apps.apple.com/om/app/id1584344662 ⬈

- Spearheaded the greenfield development of the Beyon Money fintech application, successfully launched and maintained on the App Store
- Acted as hands-on lead engineer, delivering production-grade Swift and SwiftUI code while guiding architectural and technical decisions
- Designed a modular, SDK-friendly architecture using MVVM, protocol-oriented programming, async/await, Combine, and property wrappers
- Built and integrated secure data pipelines for wallets, international & local transfers, Apple Pay, and real-time notifications
- Implemented robust API integrations with backend services, handling authentication, encryption, error handling, and performance optimization
- Led a distributed iOS team, performing code reviews, mentoring developers, and enforcing clean code and security best practices
- Collaborated closely with backend, QA, product, and UI/UX teams, aligning technical execution with product goals and tight delivery timelines
- Established and maintained CI/CD pipelines (Jenkins + SPM) to automate builds, testing, and release workflows
- Owned Agile ceremonies including estimation, sprint planning, and retrospectives
- Refactored legacy modules to significantly improve performance, responsiveness, and long-term maintainability
- Wrote and maintained unit tests for core business logic, ensuring stability and regression prevention

- Managed App Store & TestFlight submissions, ensuring compliance, performance, and release readiness

Senior Mobile Developer, *Virtual Force Inc.*   01/2019 – 05/2022
Tech Stack: React Native, JavaScript/TypeScript, Redux, MVVM-style architecture,   Lahore
Firebase, REST APIs, Xcode, Android Studio, Git, Fastlane, GitHub Actions

- Worked as a core React Native developer and later as the senior-most mobile resource across internal and client-facing projects
- Outsourced to major clients, including:
- Emaar Contributed to Dubai Mall app (see separate entry)
- Aion Digital - Delivered GCC banking apps and onboarding SDK (see separate entry)
- Internally contributed to multiple cross-platform mobile apps and fintech MVPs for clients in MENA and North America using React Native
- Toward the end of tenure, contributed to Virtual Force's Shopify-based e-commerce platform, developing a React Native mobile storefront with real-time sync, deep linking, and API-driven content
- Led architecture, modularization, and code reusability for React Native projects using scalable patterns, shared components, and clean separation of concerns
- Mentored junior developers, reviewed pull requests, and created internal best practices for clean code and reusable components
- Integrated RESTful APIs, push notifications, analytics SDKs, and implemented Firebase-based features
- Integrated RESTful APIs, push notifications, analytics SDKs, and Firebase-based features across Android and iOS from a single codebase

Senior Mobile Developer, *Aion Digital*   08/2019 – 02/2022
Tech Stack: SDK Development, Swift, UIKit, MVVM, React Native, JavaScript/   Remote, Lahore
TypeScript, REST APIs, RxSwift, Firebase, Xcode, Android Studio, Git
- ASB (Formerly KFH Bahrain)
- KFH Online
- Boubyan Bank
- Served as the senior-most mobile developer on the team, driving architecture, delivery, and technical decisions across multiple fintech and banking projects in the GCC region
- Designed and developed a reusable Digital Onboarding SDK with native iOS modules and React Native integration, streamlining KYC and account-opening flows; adopted across multiple banking apps in Bahrain, Kuwait, and the UAE
- Played a key role in launching the first fully digital corporate banking app in the UAE, enabling end-to-end mobile onboarding, account management, and secure financial transactions for businesses
- Led the development of core iOS apps for top-tier banks, including:
- ASB (formerly KFH Bahrain)
- KFH Online (Kuwait Finance House)
- Boubyan Bank
- Collaborated closely with solution architects and backend teams to integrate secure, performant REST APIs and authentication flows
- Ensured code quality and modularity by promoting MVVM architecture, writing clean, testable code, and encouraging reusable components across projects
- Participated in sprint planning, client demos, and technical design discussions with bank stakeholders and product teams
- Proactively refactored legacy codebases and implemented performance optimizations to meet strict SLAs and security standards

- Worked with security and compliance teams to meet banking regulations and ensure secure transactions and data flows

iOS Developer, *Emaar Dubai*   01/2019 – 04/2019
iOS Developer (Outsourced by Virtual Force to Emaar) Tech Stack: Swift, UIKit,   DU
MVVM, REST APIs, Xcode, Git App Store: The Dubai Mall App
- Contributed to the development of the Dubai Mall app, one of the most downloaded retail apps in the UAE
- Led efforts to revamp the app's UI/UX, modernizing the outdated interface based on new design guidelines
- Implemented new customer-facing features to enhance mall navigation, promotions, and event visibility
- Worked closely with the backend and QA teams to ensure smooth integration and regression-free releases
- Participated in daily stand-ups and design reviews with Emaar's in-house digital team
- Maintained clean, modular codebase using MVVM and REST API integrations
- Ensured App Store readiness by testing performance, fixing bugs, and handling corner cases in real-world usage

iOS Developer, *Tv2u International.*   09/2017 – 12/2018
Tech Stack: Swift, UIKit, AVFoundation, REST APIs, Xcode, Git App Store: NPFL.TV   Lahore
- Contributed to the development of NPFL.TV, a video streaming platform offering live matches, highlights, and on-demand content
- Designed and implemented new features including a Radio Streaming module and media playback enhancements using AVFoundation
- Refactored large portions of the legacy Objective-C/Swift codebase to improve maintainability, performance, and stability
- Collaborated with backend and QA teams to optimize API integration and improve streaming reliability
- Implemented UI updates and user engagement improvements based on analytics and user feedback
- Ensured app quality by performing thorough functional and device-level testing prior to releases

iOS Developer, *Devbatch PVT LTD*   06/2015 – 07/2017
Tech Stack: Objective-C, MVC, Xcode, Git App Store: Lahore, Pakistan
- Pryvate Messenger
- Kohinoor Fabric Libraryv
- Started as a junior iOS developer and grew into an independent contributor, working on multiple production apps across e-commerce, social, and secure communication domains
- Developed the Kohinoor Mills app, enabling users to browse and search fabric collections with offline access features
- Built a custom social media-style iOS app, including timeline, likes/comments, and media upload functionality
- Worked extensively on Pryvate Messenger, a secure messaging app-led a complete UI/UX revamp, implementing new navigation, design patterns, and interactions
- Transitioned from Objective-C to Swift during tenure, applying modern language features and architecture. improvements to existing projects
- Collaborated with cross-functional teams, including designers and testers, to ensure smooth project delivery

- Participated in debugging, crash resolution, and App Store submission processes across multiple projects
- Contributed to internal documentation and reusable code libraries for team-wide adoption

Junior Game Developer Cocos2D, *Game Dynamics Inc*   12/2013 – 12/2014
                                                                              Lahore, PPB
- Joined as a fresh graduate and completed structured training in 2D game development using Cocos2D and Box2D (Objective-C)
- Contributed to the development of casual iOS games with physics-based mechanics and animated sprites
- Implemented game logic, player controls, UI elements, and basic animations across multiple mini-games
- Gained hands-on experience with Apple development tools, memory management, and performance optimization in mobile games
- Collaborated with designers and senior developers to deliver smooth and engaging gameplay experiences

Education

Bachelor of Science:Computer Engineering,   10/2013
University of Engineering & Technology.   Lahore

Skills

- iOS Development
- SwiftUI
- Storyboard
- Combine
- MVVM
- Swift Package Manager
- REST API integration
- GraphQL
- Core Graphics
- XCTest/XCUITest (Unit & UI Testing)

- Swift
- UIKit
- Concurrency
- SOLID Principles
- VIPER
- Push Notifications
- Objective-C
- Git
- CI/CD (Fastlane, GitHub Actions, Jenkins)
- App Store Deployment

Languages

- English
- Urdu