Kumail M

Senior Software Engineer, 8+ years experience
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Mobile Software Engineer | iOS Specialist | App Store Developer I am a passionate and results-driven Software Engineer with several years of experience building mobile applications, primarily for iOS (iPhone & iPad), with hands-on exposure to Android as well. I enjoy turning ideas into polished, high-performing apps that deliver real value to users. My core strength lies in iOS app design and development, with deep expertise in Swift and Objective-C, plus a strong understanding of object-oriented programming principles such as inheritance, polymorphism, and abstraction. I have successfully deployed apps to the App Store, managing the entire process from development to provisioning, testing, and launch. I am experienced in integrating RESTful APIs, handling JSON/XML parsing, and storing data efficiently using Core Data. I have also worked extensively with Firebase, Google Analytics, Facebook SDK, Twitter SDK, and other third-party tools to enhance app functionality and user insights. I use Git and Bitbucket for version control and team collaboration, and I am skilled in building sleek, responsive UIs using Storyboards, XIB/NIB files, and Auto Layout. Whether working independently or as part of a team, I take pride in writing clean, maintainable code and continuously seek opportunities to learn new tools and frameworks.

INDUSTRIES: Cybersecurity, FinTech

TECHNICAL SKILLS

• Swift	7 years & 6 months
• UI Designing	7 years & 4 months
• Xcode	6 years & 6 months
• Core Data	6 years & 6 months
• Objective C	3 years & 8 months

PROJECT DETAILS

• PureVPN and Ivacy VPN

Project Description: Contributed to the development of PureVPN (iOS), a top-ranked app with millions of global users. Implemented secure VPN protocols (WireGuard, OpenVPN, IKEv2/IPSec) with AES-256 encryption to ensure user privacy. Enhanced app performance for streaming and gaming by optimizing server switching, multithreading, and networking. Integrated Firebase for analytics and crash reporting, and refined UI/UX with SwiftUI/UIKit for a smooth user experience.
Responsibilities: Developed secure VPN apps for iOS/macOS with Swift, and Objective-C, implementing advanced tunneling protocols (IKEv2/IPSec, OpenVPN, WireGuard). Delivered high-performance, low-latency connections through efficient multithreading and optimized packet handling. Designed security-first user experiences, including biometric authentication, encryption, and GDPR/PCI-DSS compliance.
Technologies: Swift and Objective C
Industry: Cybersecurity
Link: https://apps.apple.com/us/app/purevpn-fast-and-secure-vpn/id594506418

• DIB, PremierBank Kenya, JubaExpress

Project Description: Developed and maintained digital banking applications with secure transaction flows, mobile wallets, and Apple Pay / card payment integrations. Designed and implemented core banking features including fund transfers, QR-based payments, biometric login, and secure checkout workflows. Engineered a modular Payment SDK (Swift/Objective-C) supporting Apple Pay, card payments, and QR transactions, enabling scalability, reusability, and cross-bank adoption. Applied code obfuscation, advanced encryption, and compliance with PCI-DSS/KYC/AML standards to safeguard sensitive financial data and prevent fraud. Delivered modern, responsive user interfaces using SwiftUI/UIKit, enhancing user engagement and driving customer adoption.
Responsibilities: Developed and maintained digital banking apps with secure transaction flows, mobile wallets, and Apple Pay / card payment integrations. Implemented features including fund transfers, QR payments, biometric login, and secure checkout. Built and integrated a modular Payment SDK (Swift/Objective-C) supporting Apple Pay, card payments, and QR transactions, enabling scalability, reusability, and faster adoption across multiple banking apps. Applied code obfuscation, encryption, and PCI-DSS/KYC/AML compliance to protect user data and prevent fraud. Delivered modern, responsive UI with SwiftUI/UIKit, boosting customer adoption and engagement.
Technologies: Swift, SwiftUI, Combine
Industry: FinTech
Link: https://apps.apple.com/ae/app/juba-express-money-transfer/id6449253503

EMPLOYMENT HISTORY

• Senior Software Engineer August-2022 - August-2025

Description: Developed scalable dynamic and static iOS frameworks to improve modularity, performance, and reusability in FinTech applications, using Swift, UIKit, Combine, and SwiftUI. Streamlined framework distribution via CocoaPods and Swift Package Manager, enhancing CI/CD efficiency with Bitrise, GitHub, and Travis, and accelerating cross-team adoption. Integrated REST APIs and Firebase services to deliver feature-rich, data-driven mobile solutions. Collaborated with cross-functional teams to align mobile development with user behavior insights and business objectives. Applied advanced multithreading techniques (GCD, OperationQueue) to boost responsiveness and reliability under high load. Engineered custom internal SDKs and reusable UI components following Clean Architecture and SOLID principles, ensuring scalability, consistency, and faster feature delivery.

• Senior Software Engineer January-2020 - July-2022

Avanza Solutions

Description: Led the development of innovative FinTech applications, aligning technical solutions with evolving business requirements, customer usage analytics, and market trends to drive user engagement and product growth. Integrated third-party SDKs and backend services to enhance app functionality, ensure seamless data flow, and deliver robust, scalable features. Championed Test-Driven Development (TDD) and enforced unit/UI testing best practices, improving code reliability, maintainability, and reducing post-release bugs. Implemented CI/CD pipelines using tools like Fastlane, Jenkins, and Git, streamlining development workflows, accelerating deployment cycles, and fostering a culture of continuous delivery and collaboration.

• Software Engineer December-2016 - December-2019

Disrupt.com

Description: Designed and developed custom iOS/macOS frameworks and SDKs, enhancing platform capabilities and accelerating feature development across multiple applications. Collaborated cross-functionally with backend engineers and UI/UX designers to integrate APIs and transform wireframes into polished, high-performance user interfaces. Participated in Agile development cycles, contributing to sprint planning, resolving bugs with a focus on customer impact, and optimizing performance through rigorous debugging and testing.

EDUCATION

• Masters degree in Computer Science from NED University of Engineering And Technology	2017 - 2018
• Bachelors degree in Software Engineering from NED University of Engineering And Technology	2013 - 2016

LANGUAGES

• English - advanced

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