

NASIR UDDIN SABBIR

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Passionate iOS developer with over 2 years of fintech experience in Swift, SwiftUI, and UIKit. Adept at building high-performance, secure applications with a focus on user experience and innovative features. Experienced in integrating third-party APIs, enhancing app security, and deploying apps to the App Store.

WORK EXPERIENCE

Jr. Software Engineer | February 2023 – Present

Newroz Technologies Limited

🔧 **Tech Stack:** Swift, React Native, SwiftUI, UIKit (Programmatic), Storyboard, FaceID, TouchID, OAuth, MapKit, CoreLocation, CoreData, Firebase Firestore, Firebase Auth, App Center, FastPay SDK, Git, GitHub, Xcode, Postman, TestFlight.

Key Contributions:

- **iOS Development:** Designed and maintained iOS apps using Swift & SwiftUI.
- **Security:** Integrated FaceID & TouchID for secure authentication.
- **UI/UX:** Built responsive interfaces with UIKit & Storyboard.
- **Cross-Platform:** Developed React Native apps.
- **API & SDKs:** Integrated FastPay SDK & third-party APIs.
- **Location Services:** Utilized MapKit for location-based features.
- **Data Management:** Implemented CoreData for offline storage.
- **User Engagement:** Enabled push notifications for user retention.
- **Deployment:** Published apps to App Store & App Center.
- **Performance:** Optimized app efficiency and UI.
- **React Native Package:** Created and maintained a custom NPM package.
- **Agile & Git:** Worked in Agile environment and managed version control with Git.

PRODUCT(S)



ZiCharge – Mobile Financial Services (MFS) App

- **Development:** Built and maintained the iOS app using Swift, SwiftUI, UIKit, and Storyboard for a modern, responsive UI.
- **Security:** Implemented robust security measures, including biometric authentication (FaceID, TouchID) for secure access, two-step verification, and device change verification via email OTP or phone OTP, ensuring maximum protection for user accounts and transactions.
- **Transactions:** Enabled seamless and secure transactions, including bank-to-wallet, wallet-to-bank, and crypto payments, by integrating FastPay SDK and multiple payment systems for a versatile and user-friendly experience.
- **Game Card:** Allowed users to purchase game cards directly in the app.
- **Engagement:** Implemented push notifications for real-time transaction alerts and updates.
- **Deployment:** Published and maintained the app on the Apple App Store, adhering to guidelines.
- **Process:** Followed Agile methodologies and used Git for version control.

FastPay Wallet: Iraq's leading digital payment platform, offering secure eKYC, mobile wallets, and seamless money transfers.

- **eKYC Feature Development:** Designed and implemented the eKYC (Electronic Know Your Customer) feature, enabling secure and efficient user identity verification to comply with regulatory standards.
- **Programmatic UI Design:** Developed the app's user interface programmatically using UIKit, ensuring a clean, maintainable, and scalable codebase while delivering a seamless user experience.
- **iOS Development:** Contributed to the development of the FastPay iOS app using Swift, focusing on high performance, reliability, and user-centric design.
- **Security Integration:** Enhanced app security by integrating advanced authentication and encryption mechanisms to protect user data and transactions.
- **UI/UX Optimization:** Collaborated on UI/UX design improvements, ensuring the app was intuitive, visually appealing, and aligned with user needs.
- **Agile Collaboration:** Worked within an Agile development framework, participating in sprint planning, code reviews, and iterative improvements to deliver features on time.
- **Code Management:** Utilized Git for version control, ensuring efficient collaboration and maintaining a well-organized codebase.

FastPay React Native Package

- **Development:** Designed, built, and published the FastPay React Native SDK, enabling seamless payment integration for mobile apps.
- **API & SDK Integration:** Implemented a secure and efficient payment flow using FastPay's API, supporting both Android and iOS.
- **Deep Linking & Callback Handling:** Developed robust deep linking and callback mechanisms for real-time transaction status updates.
- **Cross-Platform Compatibility:** Ensured smooth functionality across platforms, integrating with React Native navigation and state management.
- **Performance & Maintenance:** Optimized the SDK for stability, reliability, and scalability, maintaining updates and improvements.

iQDX – Cryptocurrency Trading App

- **Development:** Designed and built a feature-rich cryptocurrency trading app using SwiftUI, providing a seamless and secure trading experience.
- **Real-Time Market Data:** Integrated live price tracking and market analytics through API integration, enabling users to make informed trading decisions.
- **Trading & Security:** Implemented core trading functionalities such as buy/sell orders, portfolio management, and transaction security.
- **eKYC Implementation:** Integrated electronic Know Your Customer (eKYC) verification to enhance user identity verification and compliance with regulatory standards.
- **Performance & Optimization:** Focused on high performance, smooth animations, and efficient data handling to enhance user experience.

ACADEMIC HISTORY

American International University - Bangladesh | 2018-2022

Bachelor of Science in Computer Science and Engineering

- CGPA - 3.62 out of 4.00

Govt. Rajendra College, Faridpur | 2015-2017

Higher Secondary Certificate in the Science Group

- GPA: 4.75 out of 5.00

SKILL(S)

Technical Skills

- Languages: Swift, C/C++, Java, C#, Python
- Backend: MySQL, Postman
- Mobile: SwiftUI, UIKit, Storyboard, React Native
- Databases: Firestore (Firebase)
- Cloud & Services: Firebase Authentication, Firestore
- Others: Microsoft PowerPoint, Microsoft Excel, CapCut, Adobe Lightroom

Soft Skills

- Good communication & leadership skills
- Fluent in English and Hindi
- Team player with strong collaboration skills
- Problem-solving & critical thinking
- Adaptability & quick learning