

SURAJIT ROY

Software Engineer (iOS / Mobile)

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SUMMARY

iOS Developer with 3 years of experience building secure, scalable fintech applications using Swift, SwiftUI, and UIKit. Experienced in UPI payment systems, modular iOS SDK development, MVVM architecture, Combine, and REST API integration, with additional cross-platform exposure using Flutter.

Technical Skills

Swift, SwiftUI, UIKit, Flutter, Dart · MVVM, Clean Architecture, MVC · Combine, REST APIs · Git, CI/CD · Unit Testing · Agile

WORK EXPERIENCE

Financial Software & Systems Pvt. Ltd (FSS) Chennai, India

Feb 2023 – Present

- Designed and developed **secure, large-scale digital payment applications and SDKs** across UPI and international banking platforms, used by enterprise clients and banks.
- Built a **full-featured UPI payment application** using **SwiftUI**, delivering critical flows such as **Send Money, Collect Requests, Transaction History, Account Management, and UPI ID Search**, with smooth animations and real-time state updates.
- Developed a **modular iOS Payment SDK** for international banking clients (e.g., FAB), enabling **secure card management and payment gateway integration** in merchant applications.
- Implemented **secure REST API integrations** with **token-based authentication**, encryption, and transaction validation to ensure regulatory compliance and data safety.
- Architected reusable UI components and applied **MVVM architecture**, improving maintainability, scalability, and testability across multiple applications.
- Led development of **device intelligence modules** (Location Manager, Device Info), enabling geolocation, OS/device metadata collection for personalization, compliance, and fraud prevention.
- Migrated legacy mobile applications from **Ionic to Flutter**, significantly improving security, performance, and long-term maintainability.
- Collaborated closely with backend engineers, QA, and product teams to deliver **end-to-end payment flows**, ensuring high performance, stability, and production readiness.
- Contributed to CI/CD pipelines, code quality improvements, and production issue resolution in high-availability financial systems.

Education

MCA — Kalinga Institute of Industrial Technology (*GPA: 8.26*)

BCA — Bengal Institute of Science & Technology (*GPA: 8.83*)

Languages

English, Hindi, Bengali