SURAJIT ROY

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SUMMARY

Passionate iOS Developer with 2.6 years of experience building scalable, secure, and user-centric applications using Swift, SwiftUI, and UIKit. Strong background in developing UPI-based fintech products and modular SDKs. Proficient in MVVM, Combine, and RESTful API integration. Adept at collaborating with cross-functional teams in Agile environments to deliver high-quality mobile experiences. Also experienced with Flutter, bringing valuable cross-platform insight when needed.

Education Details

Master of Computer Application   *Oct 2021 – Oct 2023*
Kalinga Institute of Industrial Technology
GPA: 8.26 / 10.0

Bachelor of Computer Application   *Jul 2018 – Aug 2021*
Bengal Institute of Science & Technology
GPA: 8.83 / 10.0

Technical Skills

iOS Development	**:** Swift, SwiftUI, UIKit, Storyboard
Mobile Cross-Platform	**:** Flutter, Dart
Architecture	**:** MVC, MVVM, Clean Architecture
Frameworks &Tools	**:** Combine, Xcode, Android Studio, Git, GitHub, Bitbucket
Practices	**:** Agile, CI/CD, Unit Testing, Localization

Roles & Responsibilities

Software Engineer | Financial Software & Systems (P) Limited, Chennai *(Feb 2023 - Present)*

- Develops and maintains applications by evaluating client needs.
- Actively contributing to FAB PG SDK (iOS SDK for Payment Gateway Integration) using Swift + UIKit, focusing on seamless UI/UX and secure transaction handling.
- Currently working on a SwiftUI-based UPI product, implementing custom UI components, managing state with MVVM, and integrating secure APIs.
- Collaborating with cross-functional teams including product, design, and QA to ensure app stability and pixel-perfect implementation.
- Consuming and integrating RESTful APIs (JSON) for secure data exchange and transaction flows.
- Followed Agile methodologies and maintained clean, testable, and scalable code with version control using Git.

WORK EXPERIENCE

Financial Software & Systems Pvt. Ltd (FSS) Chennai, India   *Feb 2023 – Present*

FSSUPI (UPI Payment Application and SDK)   *Dec 2024 – Present*

- Designing and developing a complete UPI payment application using **SwiftUI**, with a focus on smooth animations, intuitive navigation, and real-time state management.
- Building reusable components and managing key user flows including **Send Money**, **Collect Requests**, **Transaction History**, and **UPI ID Search**.
- Implementing secure **REST API integration** with **token-based authentication** to ensure safe and reliable

transactions.

- Developing and managing features like **Manage Accounts**, **Collect Request Handling**, and **UserSecureStorage**, including secure data encryption for sensitive information.
- Contributing to critical payment flows, transaction validations, and maintaining overall app performance and security.
- Ensuring the technical implementation aligns with project goals, usability standards, and regulatory compliance.

First Abu Dhabi Bank (FAB) - iOS SDK Development   *Jul 2024 – Nov 2024*

- Developed a modular iOS SDK for FAB to integrate payment gateway functionality with secure card management in merchant applications.
- Built adaptive UI, reusable components, and contributed to CI/CD & code quality.
- Integrated APIs to enable smooth backend communication.
- Applied MVVM architecture, achieving clean separation of concerns and testability.

IOB Thailand Mobile Application   *Feb 2024 – June 2024*

- Transitioned the application from Ionic to **Flutter** for better security.
- Designed user-friendly interfaces for registration, login, and money transfer pages.
- Used **MVVM architecture** to improve maintainability and scalability.
- Integrated APIs to enable smooth backend communication.
- Ensured technical functionality aligned with project requirements.

DAKPAY - UPI Mobile Application   *Aug 2023 – Jan 2024*

- Continued core development and enhancement of a UPI-based mobile payment application for secure and seamless financial transactions.
- Modified SSL certificate retrieval to resolve intermittent download issues.
- Collaborated cross-functionally with backend teams and testers to ensure seamless integration and end-to-end quality.
- Designed and implemented a **Location Manager** and **Device Info** module to fetch device location, geocode, and OS details, enabling better personalization and compliance.

Software Engineer Intern - (DAKPAY UPI Mobile Application)   *Feb 2023 – Jul 2023*

- Contributed to feature development and stability improvements for **DAKPAY**, gaining hands-on experience in UPI payment flow, device-level data handling, and secure API communication.
- Worked alongside senior developers and built early versions of utility classes for all configuration information, which were later adopted in production.
- Demonstrated strong initiative and problem-solving ability, leading to full-time conversion and continued work on the same flagship project.

Award / Achievements

1. **Great Team Player at FSS: Great Team Player Card** (15 July, 2024)
2. **You Are Awesome Card at FSS: You Are Awesome Card** (15 Oct, 2024)

LINGUISTIC ABILITY

Bengali, Hindi, English

Declaration

I hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.