



Dhanshree Awaghad

Associate Software Developer (iOS Developer)

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Profile Summary

iOS Developer with 2.5+ years of experience in designing and developing secure, high-performance native iOS applications in the payment domain. Strong expertise in Swift, Objective-C, UIKit, SwiftUI, Kotlin, IntelliJ, RESTful API integration, and multithreading using GCD and async/await. Experienced in building scalable transaction flows, Store-and-Forward (SNF) processing, memory management (ARC), and payment device integration. Proficient in MVC/MVVM architecture, SOLID principles, debugging, unit testing (XCTest), and performance optimization.

Academic History

BE (CSE) (2019-2023)

9.2 SGPA PRMIT&R, Amravati

POC's and ST Projects:

❖ Stress Relief App

➤ SwiftUI : Core Data

❖ Tap Rush Game

➤ SwiftUI : Built an game.

❖ Sleep Wise AI

➤ SwiftUI : Core ML

Achievements & Certifications:

iOS Application

Development, 08/2023

- BitCode Tech, Pune.

Additional Skills:

- ❖ Performance Tuning & Memory Management.
- ❖ API Testing (Postman) & Regression Validation.
- ❖ Production Support & Critical Issue Resolution.
- ❖ Technical Documentation & Cross-Team Communication

Work Experience

IT Experience

April 2024-Present

AURUS Tech Private Limited, Pune-Associate Software Developer (iOS Developer)

Swift • Objective-C • Kotlin

March 2024- March 2024

Digital Flake Pvt Limited, Pune-iOS Trainee

Swift • UIKit • CocoaPods

Responsibilities:

- Contributed to development and enhancement of AESDK, a native iOS SDK integrating AURUS Payment Gateway REST APIs with multiple payment devices (PEDs) for secure card capture and transaction processing.
- Implemented core payment transaction flows including Sale, Refund, Void, Pre-Authorization, Post-Authorization, and Store-and-Forward (SNF).
- Developed secure and high-performance payment solutions ensuring transaction reliability, scalability, and high availability.
- Diagnosed and resolved critical production issues related to concurrency, API timeouts, and device communication, reducing transaction failures by 18%.
- Designed and maintained scalable native mobile SDKs using Objective-C, Swift, Kotlin, SwiftUI, Jetpack Compose, and IntelliJ IDE, following MVC architecture and modular design principles.
- Designed and maintained OpenAPI (Swagger) specifications for payment gateway REST APIs with structured request/response schemas (JSON/XML), authentication, and standardized error handling.
- Collaborated with backend and DevOps teams for API versioning, environment configuration (UAT/Production), and deployment processes.

Core Competencies:

- **Programming Languages:** Swift, Objective-C, SwiftUI, Kotlin
- **iOS frameworks:** UIKit, Cocoa Touch
- **Architecture & Design:** MVC, MVVM, SOLID Principles, Modular Architecture
- **Networking & APIs:** RESTful APIs, URLSession, JSON Parsing, Codable, OpenAPI (Swagger)
- **Database & storage:** Core Data, UserDefaults, keychain
- **Tools & IDE's:** Xcode, IntelliJ IDEA, VS Code, Git, Beyond Compare
- **Operating System :** macOS

Projects Undertake

Title: iOS AESDK

Description:

Worked on designing and maintaining Open API (Swagger) specifications for Aurus Payment Gateway services. The project focused on defining standardized API contracts for secure payment processing, including structured request/response models, authentication mechanisms, headers, and error handling. Ensured consistent API documentation and seamless integration across iOS applications, backend systems, and third-party clients in UAT and Production environments.

Title: Kotlin AESDK

Description:

Designed and developed a Kotlin-based SDK from scratch for integration with card reading devices such as the Ingenico Axium EX6000 using TCP/IP communication protocol, enabling secure communication between the SDK and CCT over Wi-Fi. Integrated multiple Payment Gateway APIs to support end-to-end transaction processing, ensuring seamless execution of payment flows. The SDK handles complete transaction lifecycle management, device communication, and secure data exchange for reliable payment processing.

Title: Open API Documentation

Description:

Worked on designing and maintaining Open API (Swagger) specifications for AURUS Payment Gateway services. The project focused on defining standardized API contracts for secure payment processing, including structured request/response models, authentication mechanisms, headers, and error handling. Ensured consistent API documentation and seamless integration across iOS applications, backend systems, and third-party clients in UAT and Production environments.

Title: Vae Laur Clothing App

Description:

This project is a native iOS e-commerce application developed using Swift and UIKit to provide a seamless shopping experience. The app supports product browsing, search functionality, cart management, and secure checkout. Firebase was integrated for user authentication and real-time database management, ensuring secure data handling and smooth backend synchronization while maintaining optimized UI performance and clean architecture standards.