Biduyt Das

✉ pkdasbiduyt@gmail.com in BiduytDas ⊙ PKD118 ◉ Biduyt Das portfolio 📞 +8801633004104 📍 Sylhet, Bangladesh

iOS Developer with hands-on production experience building a healthcare fintech POS system handling 50,000+ monthly transactions. Sole iOS developer at LAB3, taking full ownership from architecture to TestFlight deployment. Passionate about crafting high-performance, scalable apps and constantly pushing the boundaries of what's possible with Swift and SwiftUI. Driven to grow fast, ship real products, and make a meaningful impact through technology.

Education

BSc Engineering in CSE   01/2020 – 09/2025 | Khulna, Bangladesh
Khulna University Of Engineering & Technology

Skills

iOS Development
- Swift 6, SwiftUI, UIKit, Combine, WidgetKit, MapKit, AutoLayout, Bluetooth Device Integration (BBPOS Chipper), TestFlight Distribution, Xcode Instruments & Profiling.

Mobile UI/UX
- Responsive iPad & iPhone Layouts, Adaptive AutoLayout, Component-Driven Design Systems, Accessibility-Aware UI, Real-Time Data-Driven Interfaces

Architecture & Patterns
- MVVM, Protocol-Oriented Programming, Swift Concurrency & Actors, Modular SwiftUI Component Design, Offline-First Architecture, Multi-Tenant SaaS Design.

APIs & Backend Integration
- REST APIs, JSON Decoding & Encoding, Firebase Auth, Firestore Real-Time Listeners, Firebase Realtime Database, Offline Caching, Third-Party SDK Integration (MXMerchant, AnyPay).

Tools & Workflow
- Git, GitHub, Xcode, Postman, Jira, Trello, Agile/Scrum, Code Reviews.

Testing & Quality
- Unit Testing, UI Testing, TestFlight Beta Management, Performance Profiling (Instruments), Structured Logging (OSLog), Bug Tracking & QA Cycles.

Notifications & Services
- Local Notifications, Foreground Alert Handling, Firebase Real-Time Event Triggers, Background Data Sync on Connectivity Restore

Projects

BillPay-POS (iPad Payment System)   09/2025 – 11/2025
Swift 6, SwiftUI, Firebase, GCP, MXMerchant, Anypay
Built and owned BillPay-POS end-to-end as the sole iOS developer from the first line of architecture to TestFlight deployment. The app processes 50,000+ monthly transactions across multiple healthcare clinics on a multi-tenant SaaS platform. Integrated MXMerchant and AnyPay payment SDKs with BBPOS Bluetooth card readers to deliver smooth, reliable point-of-sale experiences. Designed real-time Firestore sync with offline-first resilience so the app keeps working even when connectivity drops. Kept code quality high through regular profiling, structured logging, and continuous testing.

Foodier! & Foodier Restaurant 🔗   2023
SwiftUI, Firebase, MapKit
Built two companion apps, a customer-facing food delivery app and a restaurant management app, that work together in real time. Designed a reusable SwiftUI component system from scratch and integrated live map tracking via MapKit so customers could follow their order as it moved. All data flowed live through Firestore with no refresh needed.

CfL (Care for Love) 🔗   2023
Java(Android) Firebase
Built a health-monitoring app for cardiac patients where doctors and caregivers could track vitals in real time. Set up Firebase authentication and cloud sync so patient data stayed secure and up to date across devices. Covered the full delivery cycle by writing unit and UI tests, producing UML diagrams, and creating polished mockups for a production-ready submission.

Relevant Experience

Junior iOS Developer   09/2025 – Present | Boston, MA
Lab3 (Remote) 🔗
- Sole iOS developer for BillPay-POS, a healthcare payment system processing 50,000+ monthly transactions across multiple clinics on a multi-tenant SaaS platform.
- Architected and shipped scalable features using Swift 6, SwiftUI, and MVVM with clean REST API integration and robust JSON handling.
- Integrated MXMerchant terminal and BBPOS Bluetooth card reader, enabling smooth card-present payments at the point of care.
- Collaborated daily with cross-functional teams across the US in an Agile environment, coordinating with backend, QA, and product to ship reliable features on schedule.
- Cut debugging time by 75% by introducing structured OSLog-based logging and systematic Instruments profiling across the codebase.
- Owned the full TestFlight distribution pipeline and led internal QA cycles before every release to ensure production stability.

iOS Developer Intern   06/2025 – 08/2025 | Dhaka
SahiTech Ltd.(Remote) 🔗
- Built WidgetKit extensions and Apple Watch complications that delivered glanceable, up-to-date information on Apple's most personal screens.
- Developed modular, reusable SwiftUI components and clean REST API data handlers that plugged directly into the team's existing architecture.

Languages

Bangla — Native   **English** — Professional Working Proficiency