

Myat Thu Ko

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Experiences

Barclays | Whippany, NJ (Hybrid)

Software Engineer I – iOS

May 2025 - Present

- Implemented latest SwiftUI features in a sandbox environment for the Innovation Lab and presented iterative demos to the stakeholders, incorporating feedback to refine functionality, feature design and business requirements
- Delivered modular SwiftUI features impacting thousands of users, reducing the cross-team integration defects by 25%, by architecting reusable components with MVVM, dependency injection, and structured Swift concurrency
- Improved API reliability and responsiveness by 30%, by implementing a scalable networking layer integrating xAPIs with robust error handling and thread-safe state management
- Improved data security across internal xAPIs, by implementing log-masking mechanisms to prevent exposure of sensitive customer data in application logs in collaboration with the backend team
- Enhanced ADA compliance across iOS features, including VoiceOver support, dynamic type and UI components

M1 Finance | Chicago IL (Remote)

Software Engineer I – iOS

Aug 2023 – Oct 2024

- Reduced feature defects by 20%, by migrating legacy UIKit modules to a modular SwiftUI MVVM architecture using Combine for reactive state management
- Enhanced app performance and reduced memory spikes by 22%, by optimizing network parsing, background processing, and view hierarchies using Instruments profiling
- Increased user engagement by 15%, by redesigning high-traffic UI surfaces and shipping controlled A/B experiments via LaunchDarkly feature flags
- Improved PR standards and quality by enhancing GitHub Actions workflows, enforcing automated test checks

Mobile Engineering Intern – iOS

May 2022 – May 2023

- Supported launch of Personal Loan features to thousands of users, by developing SwiftUI flows integrated with RESTful APIs and validating backend contracts
- Implemented CSV export functionality for credit card transactions data, using Swift concurrency to extract and process records asynchronously while maintaining UI responsiveness
- Improved onboarding completion by 12%, by building an ACAT transfer flow using SwiftUI, UIKit, and GraphQL with structured state management
- Increased accessibility compliance to ADA guidelines, improving usability for assistive technologies by refactoring UI components and VoiceOver navigation

Ibotta Inc. | Denver, CO (Remote)

Mobile Engineering Intern – iOS

May 2023 – Aug 2023

- Improved feature scalability by 10% and reduced rendering latency by 15% for 50M+ users, by developing MVP-C modules with dependency injection and optimized asynchronous data handling
- Increased user engagement by 12%, by running controlled A/B experiments and feature rollouts using LaunchDarkly
- Reduced production crashes by 18%, by strengthening unit test coverage and improving Combine-based network pipelines

Skills

iOS Development: Swift, SwiftUI, UIKit, MVVM, Combine, Swift Concurrency (Async/Await, Task), Dependency Injection

Networking & Data: RESTful APIs, xAPIs, GraphQL, URLSession, JSON parsing, Core Data, Firebase (Authentication, Realtime Database)

Testing & Quality: XCTest (Unit & Snapshot Testing)

Programming Languages: Swift, Python, Java, JavaScript, C++

Education

The City College of New York – CUNY

Aug 2020 – Dec 2023

- B.S. in Computer Science (*GPA – 3.63 / 4.0*)