NANDA WIN KYU

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SUMMARY

iOS Developer with over 4 years of experience specializing in Swift and SwiftUI. Skilled in Core Data, API integrations, and MVVM architecture. Proficient in optimizing networking with Alamofire, real-time updates with Combine, and enhancing UI/UX with Rive animations. Passionate about clean, maintainable code and mentoring junior developers.

WORK EXPERIENCE

Freelance iOS Developer   **Jun 2024 - Present**

- Developed and maintained iOS applications using SwiftUI with API integration and Core Data for persistence.
- Built custom SwiftUI UI components tailored to specific design requirements.
- Followed MVVM architecture for modular and maintainable codebases.
- Optimized app performance and UI responsiveness by leveraging Combine and Async/Await.
- Integrated Kingfisher for efficient image caching and Alamofire for optimized API requests.
- Implemented Rive Animation to enhance UI interactions and user engagement.

Senior iOS Developer | DIR-ACE Technology – Yangon, Myanmar   **Mar 2022 - May 2024**

www.diracetechnology.com

- Migrated legacy networking code from closures to Async/Await, improving performance and maintainability.
- Optimized API calls using Alamofire and Combine, enabling real-time data synchronization and enhancing app responsiveness.
- Modernized codebase by refactoring UIKit modules to SwiftUI, improving UI consistency and development efficiency.
- Designed MVVM architecture for scalable apps, reducing code redundancy and improving modularity.
- Integrated Core Data for robust local storage and RESTful APIs for seamless backend communication.
- Conducted code reviews and mentored junior developers, improving overall team proficiency in Swift and iOS best practices.

Mobile Developer| Hotel Corolla – Yangon, Myanmar   **Feb 2020 - Jan 2022**

- Collaborated with a local hotel in Yangon to design, develop, and maintain their Android-based staff and inventory management system using Flutter, ensuring seamless operations for 50+ employees.
- Maintained and optimized the hotel's core Android app, addressing bugs and enhancing UI/UX to improve employee productivity and user satisfaction.
- Implemented an employee KPI control feature for admin users, enabling real-time performance tracking and data-driven decision-making.
- Developed a salary enrollment module to automate payroll processes, reducing manual errors and streamlining HR workflows.
- Enhanced inventory management by refining tracking features and integrating real-time updates for stock control.

PROJECTS

KoeNaWin pending on **App Store**   **github.com/nanda-wk/KoeNaWin**
- A mobile application designed to help users track their spiritual progress, diet days, and daily mantra prayers.
- Utilizes SwiftUI with Core Data for offline tracking and persistence.
- Features a clean, intuitive UI with custom components built in SwiftUI.
- Daily reminder local notification to remind user about their daily prayer(In Progress).
- **Tools Used**: Swift, SwfitUI, Core Data, Local Notification

Dailoz   **github.com/nanda-wk/Dailoz**
- Task management application utilizing SwiftUI and Core Data for local storage.
- Implements MVVM architecture with NotificationCenter for efficient state management.
- Supports localization with xcstrings for English and Burmese.
- **Tools Used**: Swift, SwfitUI, Core Data, Local Notification, xcstring

Rick and Morty Infoverse   **github.com/nanda-wk/RickAndMortyInfoverse**
- Fetches and displays data from The Rick and Morty API using Async/Await and MVVM.
- Features a custom tab bar, lazy loading grids, and image caching with Kingfisher.
- **Tools Used**: Swift, SwfitUI, Kingfisher, Lazy loading, REST API

EDUCATION

Bachelor of Science in Computing with Honours   **Mar 2021**
University of Gloucestershire(UK)
- Developed proficiency in object-oriented programming principles through coursework and projects, forming a foundation for Swift and iOS app development.
- Designed and implemented a database-driven application using SQL concepts, enhancing backend integration skills for mobile solutions.
- Analyzed and optimized systems architectures to improve software performance, aligning with iOS app scalability requirements.
- Researched and authored a dissertation on a computing topic, demonstrating problem-solving and independent project management capabilities.

PROFESSIONAL CERTIFICATE

Meta iOS Developer Professional Certificate   **Nov 2024**
- Core Swift: Syntax, OOP, data structures, concurrency (async/await), and memory management.
- iOS Architecture: App lifecycle, MVC/MVVM patterns, and Xcode proficiency.
- UI/UX Development: Built adaptive UIs with SwiftUI and UIKit; applied prototyping and accessibility standards.
- Data Management: Core Data, RESTful API integration (URLSession, JSON parsing), and local database design.
- Tools & Collaboration: Git/GitHub workflows, Agile practices, and debugging with Instruments.

TECHNICAL SKILLS

Programming Languages: Swift, SQL, Dart, JavaScript, Shell
Technologies: SwiftUI, UIKit, XCTest, Core Data, Version Control, Concurrency, Xcode, REST API Integration, Interface Builder, SPM, CocoaPods, Flutter, SQLite, Git
Tools: Scrum, Agile, Jira, Trello, GitHub, SVN, Poptree Check List

Languages: Burmese, English