

VISHNU K

iOS Application Developer

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SUMMARY

Highly skilled and motivated iOS developer with more than 3 years of experience in building efficient and scalable iOS applications. Proficient in Swift and Objective-C. Also experienced in web development frameworks such as Django, Next.js, HTML, CSS, and Tailwind CSS.

WORK EXPERIENCE

iOS DEVELOPER - Market Simplified India Limited - APRIL 2021 - PRESENT

- Developed and maintained iOS applications in Objective-C and Swift, contributing to successful App Store releases.
- Implemented a custom chart library specialising in financial data visualisation, integrating a robust set of financial indicators.
- Created a robust algorithm for clipping out-of-bounds data points in chart visualisations.
- Developed an optimised algorithm to convert daily price feed data into weekly and monthly price feed data.
- Designed and implemented an algorithm to analyse user interactions and identify the most frequently visited categories.
- Implemented a custom library for handling remote push notifications and managing acknowledgments.
- Integrated third-party SDKs such as CleverTap and Firebase.

EDUCATION

GOVT. ENGINEERING COLLEGE SREEKRISHNAPURAM - JUNE 2016 - JUNE 2020

- Bachelor of Technology in Information Technology, CGPA: 7.65
- Qualified the Graduate Aptitude Test in Engineering (GATE) 2022 with an AIR of 934.

PROJECTS

MAYBANK - iOS APPLICATION - 2021 - Present (3 years)

- Developed and maintained the Maybank iOS application using Objective-C in an MVC architecture.
- Designed and implemented an algorithm to analyse user interactions and identify the most frequently visited categories.
- Created an optimised algorithm to convert daily price feed data into weekly and monthly price feed data.

KGI - iOS APPLICATION - 2022 - Present (2 years)

- Developed the KGI iOS application using Swift in an MVVM architecture and integrated REST APIs.
- Integrated CleverTap SDK for event tracking and remote push notifications.

CCTabView - FRAMEWORK - 2023 - [GitHub Repository](#)

- Developed a customizable framework for TabView in SwiftUI.
- Added SwiftUI-like custom view modifiers to customise the TabBar and the TabView items.

CHART - FRAMEWORK - 2023

- Developed a customizable framework for displaying financial data.
- Created a robust algorithm for clipping out-of-bounds data points in chart visualisations.

SHIELD - FRAMEWORK - 2022

- Implemented a custom library for handling rich push notifications through content and service extensions.
- Added a feature for handling acknowledgment using User Defaults and multithreading.

CERTIFICATES

- Machine Learning Specialization: University of Washington - 2018 - [Link](#)
- Architecting with Google Compute Engine by Google Cloud on Coursera - 2020 - [Link](#)

SKILLS

- **Programming Languages:** Swift, Objective-C, JavaScript, Python, HTML, CSS
- **Frameworks and Libraries:** UIKit, SwiftUI, CoreData, Django, React, Tailwind CSS
- **Architectures:** MVC, MVVM
- **Tools and Technologies:** Xcode, REST API, Alamofire, CocoaPods, Git, Agile methodology, Multithreading, Persistence Data, Dependency Injection, Delegate Pattern, Concurrency, Unit Testing, XCTest