ANAGHA JAYAPRAKASH
iOS and Flutter Developer

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EXPERIENCE

The Scene NY · **San Francisco, CA**
iOS Developer (Contract) · *2/2024 - Present*

- Designed and implemented the architecture for an AI-driven iOS app using Swift and SwiftUI, integrating in-app purchases and subscriptions via StoreKit, and ad frameworks using Reward Ads. Managed the entire development lifecycle for a user base of 12k+, delivering the project within a tight 2-month timeline.
- Developed a suite of SwiftUI reusable components like primary and secondary buttons, text fields, information cards, and model views adhering to MVVM design pattern ensuring maintainable and scalable code. Leveraged Combine for asynchronous programming, Firebase for authentication and RESTful APIs for backend services.

Tripudio Technologies LLC · **Plano, TX**
Software Developer (Contract) · *7/2023 - 2/2024*

- Architected and developed a PLM web application using React, JavaScript, and Next.js, implementing a modular architecture for scalable development. Redesigned the UI using Figma, enhancing the navigation flow and reducing user clicks by 30%. Integrated server-side rendering via Next.js to optimize page load times.
- Developed a library of reusable React components, including custom text fields, dynamic tables, and a global theming system, ensuring consistent UI across the application. Integrated Jira within the Glide app, enabling users to seamlessly attach Jira tasks to Glide tasks. Utilized Jira's API to automate task syncing, reducing manual input errors.

Codemonk · **Bangalore, India**
Associate Software Engineer, iOS and Flutter · *10/2019 - 3/2021*

- Built 5+ applications using Flutter and native frameworks and published them to the App Store and Play Store.
- Used Firebase Crashlytics to debug and fix 6+ bugs in a native iOS app built, resulting in a 30% increase in app performance.
- Developed a hiking app using Dart and Flutter to track progress and activity of user. Built a community feature allowing users to click and upload pictures along hiking trails while tracking their activity progress. Used the MVVM design pattern and Google Maps to track location and hiking trail route. Used REST APIs to set up user authentication through OTP verification.
- Designed and launched an application in Flutter in the healthcare field with a voice-to-text feature built with Google Speech Recognition API with REST APIs for backend services; tapped into native iOS and Android code with Swift and Kotlin using platform channels.
- Collaborated on a native iOS Drone Management System application built using Swift and UIKit, and built map features using Mapbox, enabling users to fly drones and track its route. Utilised Remote Config to control certain default values such as backend endpoint URL.
- Built a Flutter app that tracks a fleet of electrical vehicles and their locations on maps with real-time data updates. Used Firebase Realtime Database and built a singleton in Dart to make seamless real-time updates of the location on the map.

PROJECTS

CoiNel | iOS, Swift, Objective-C

- Engineered CoiNel iOS SDK using Swift, an iOS framework from scratch within 2.5 months, enabling communication with BLE printers using Core Bluetooth. Set up local storage with Core Data. Documented the ways to use functions with examples using SwiftLint.
- Built a dithering algorithm to convert high-quality colour images to greyscale ones. Wrote functions to convert text, barcodes, QRCodes, and images to hexadecimal format for the thermal printers to understand the data.

Zoos of Karnataka | https://apps.apple.com/in/app/zoos-of-karnataka/id1522015719

- Developed and launched a Flutter application in 3 days, garnering over 1k downloads and support animal welfare awareness, bringing in over $8k in donations to zoos. Used RESTful APIs to connect to the back-end server.
- Built a shopping cart feature for users to add zoos and donations, utilised RazorPay to set up payments within the app to make purchases.

Freespace Workplace | https://apps.apple.com/us/app/freespace-employee/id1515219369

- Built a high-scale Flutter app that solves back to work jitters; utilised local camera features to build a QR scanner and used GraphQL for backend services. Set up notifications using Firebase Notifications, and in-app notifications using native frameworks for user reminders.
- Built a community feature that allowed users to create groups and add team members. Created a "check-in" feature to allow users to clock in to their workplaces. Localized the app with 3 languages using a third-party Flutter plugin.
- Integrated secure data storage using a third-party Flutter package, mitigating potential security risks, and reducing security incidents by 80%; Conducted unit testing and integration testing, covering over 70% of the code.

EDUCATION

University of North Texas – Master's in Computer Science · May 2023

SKILLS

Swift, Objective-C, SwiftUI, Dart, Flutter, Kotlin, Java, Xcode, Visual studio, Android Studio, Git, GitHub, Jira, Firebase, StoreKit, HTTP, RESTful APIs, GraphQL, Google APIs, XCTest, MVVM and MVC design patterns.