

ANAGHA JAYAPRAKASH

Mobile Application Developer

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SUMMARY

Experienced Software Engineer specializing in **Mobile Application Development** with a background in software design, and a demonstrated history of leveraging cutting-edge technologies to create quality solutions. Passionate about software design, testing, and enjoy technical challenges.

EDUCATION

University of North Texas — Masters in Computer Science

SKILLS

Mobile Development: **Swift, Objective-C, SwiftUI, Flutter**, Core Data, Core Graphics, Core Bluetooth, Core Animation, **AppKit, UIKit**, Cocoa Touch, Dart, Flutter, MVC, MVVM, **X-code**, CocoaPods, **Apple Human Interface Guidelines**.

Web Development: HTML, CSS, JavaScript, **React**, Next.js, **GraphQL**.

Other: REST APIs, Git, GitFlow, WCAG.

EXPERIENCE

Software Developer Intern, Tripudio Technologies LLC — July 2023 - Present

- Utilized Figma to redesign UI/UX, reducing user interactions by 30%, enhancing user experience, leading to fewer user clicks and pop-ups.
- Implemented modular, reusable React components, cutting down web development time significantly.

Associate Software Engineer, Codemonk — October 2019 - March 2021

- Spearheaded the optimization of an app's performance, navigated bug/crash fixes, resulting in a 20% performance boost.
- Proficiently developed and launched over 5 **iOS native applications** and Android ones, using Flutter and Swift.
- Led a cross-functional team of 3, overseeing backend and design engineers, ensuring timely project completion.
- Architected and developed 2 iOS Applications, demonstrating capabilities of a BLE thermal printer.
- Presented insights on the importance of Code Documentation during a weekly tech discussion.

Associate Software Engineer Intern, Codemonk — May 2019 - October 2019

- Created an iOS framework for Bluetooth Thermal Printers, using Core Bluetooth, Swift, and Objective-C.
- Spearheaded the resolution of a critical poly line challenge within a drone management system application using Mapbox, that resulted in significantly improving the app's usability.

PROJECTS

CoiNel Framework Development (iOS)

- Architected and built a robust **iOS framework** using Core Bluetooth for seamless communication with BLE thermal printers.
- Engineered an advanced dithering algorithm for high-quality greyscale image transformation.

Zoos of Karnataka Mobile App (Flutter- iOS and Android)

- Engineered a user-centric mobile app facilitating animal welfare donations and adoptions within a tight deadline of 3 days.
- Integrated a secure shopping cart system and payment gateway using RESTful APIs and RayzorPay.

Freespace Workplace Anxiety Mitigation App (Flutter- iOS and Android)

- Constructed a high-scale mobile app addressing workplace anxiety post-COVID, offering essential workplace and health information, including unit tests. Built secure database for in-app storage.
- Integrated **GraphQL** for backend communication, and user-friendly QR scanner features.

Snake Game (SwiftUI)

- Recreated the iconic snake game on iOS using SwiftUI and Animations.