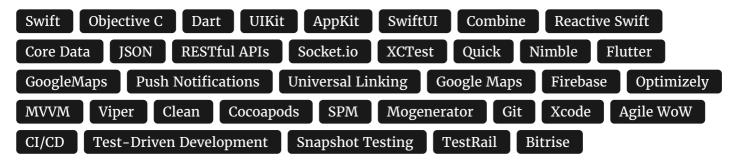
Deepak Karthik

iOS Developer

Results-oriented iOS developer with expertise in Swift and Objective-C, seeking a dynamic role to contribute innovative solutions. Eager to collaborate, apply industry best practices, and stay updated on emerging technologies to deliver high-quality, user-centric applications, meeting business objectives and enhancing the overall mobile experience.



SKILLS



PROJECTS

HungerStation (08/2024 - Present)

- Designed and implemented a new module for Pickup resulting in improved user engagement and satisfaction.
- Integrated Google Maps features, including clustering and marker annotations, to enhance location-based app functionalities.
- Gained hands-on experience with Flutter, integrating native iOS code and Flutter modules to enable seamless communication between both platforms.
- Conducted thorough code reviews for team members, ensuring adherence to coding standards and best practices, which enhanced overall code quality and maintainability.
- Identified and resolved potential bugs through proactive testing and debugging, resulting in a significant reduction in reported issues and enhanced app stability.

H&M (06/2021 - 07/2024)

- Led the successful refactoring of Objective-C codebase to Swift, improving code readability, maintainability, and aligning with modern iOS development standards.
- Spearheaded the adoption of SwiftUI and Combine frameworks, leveraging their cutting-edge features to enhance the user interface and streamline data flow within the H&M project.
- Implemented a robust unit testing strategy using Test-Driven Development (TDD) principles, ensuring the reliability and stability of the application throughout the development lifecycle.
- Developed and executed A/B test experiments utilizing Optimizely and Firebase Remote Config, contributing to datadriven decision-making and continuous improvement of user experience.
- Successfully integrated RESTful APIs, implementing resilient networking layers for seamless communication between the H&M application and external services, ensuring optimal data retrieval and synchronization.

Zoho Notebook (06/2017 - 05/2021)

- Successfully managed both iOS and Mac app development for Zoho Notebook, showcasing versatility and expertise in creating applications across different Apple platforms.
- Demonstrated proficiency in Core Data and its powerful Predicates to facilitate efficient offline storage, ensuring a seamless user experience within Zoho Notebook.
- Utilized knowledge of Grand Central Dispatch (GCD) and NSOperationQueue to orchestrate data synchronization seamlessly across various touchpoints within the Zoho Notebook, ensuring optimal performance.
- Implemented Universal Linking for a cohesive user experience across platforms, enabling users to seamlessly transition between Zoho Notebook on iOS and Mac.
- Integrated push notifications and local notifications for timely reminders, enhancing user engagement and interaction with the application.

PROJECTS

Montage Social (02/2016 - 05/2017)

- Demonstrated proficiency in both Objective-C and Swift, contributing to the development of a dating app and adapting to evolving technology stacks.
- Implemented a robust socket connection to enable real-time chat services, enhancing user engagement and communication within the app.
- Integrated Facebook SDK to streamline user sign-in processes and fetch essential metadata, improving the app's onboarding experience.
- Utilized AVKit and AVFoundation frameworks to create a custom camera feature, providing users with an interactive and personalized media-capturing experience.

WORK EXPERIENCE

Senior Software Engineer - iOS Delivery Hero - HungerStation

08/2024 - Present

Roles and Responsibilities

- Designed and implemented a new module that enhanced application functionality, improving user experience and engagement.
- Integrated Google Maps features (clustering, marker annotations) to enhance location-based functionalities.
- Actively engaged in team discussions and brainstorming sessions to identify areas for improvement in development processes and tools.
- Conducted comprehensive code reviews, providing constructive feedback to team members, which led to improved code quality and adherence to best practices.

Senior Software Engineer - iOS H&M

06/2021 - 07/2024 Bengaluru, India

Roles and Responsibilities

- Architect, design, and implement complex features, utilizing Swift and Objective-C, with a focus on optimal performance and user experience.
- Collaborate with cross-functional teams, including designers and product managers, to translate business requirements into technical specifications and deliverables.
- Conduct code reviews and implement optimization techniques to enhance application performance and maintainability.
- Conduct research and prototyping to assess the feasibility and potential impact of integrating emerging technologies and trends.

iOS Developer Zoho Corporation

06/2017 - 05/2021 Chennai, India

Roles & Responsibilities

- Develop and implement iOS applications using Swift and Objective-C, ensuring adherence to design specifications and user experience guidelines.
- Work closely with UI/UX designers to integrate visually appealing and user-friendly interfaces, optimizing the overall user experience.
- Work collaboratively with team members to contribute ideas, solutions, and improvements, fostering a positive and productive development environment.
- Develop and execute comprehensive unit tests for iOS applications, identifying and addressing issues to ensure robust and reliable software.

Riyadh, Saudi Arabia

WORK EXPERIENCE

Mobile Application Developer Jean Martin INC

09/2015 - 05/2017 Chennai, India

Roles & Responsibilities

- Assist in the development of iOS applications under the guidance of senior team members, using Swift and Objective-C, and contribute to the implementation of features and functionalities.
- Continuously expand knowledge of iOS development, staying informed about the latest updates and trends in the iOS ecosystem.
- Learn and apply coding best practices, following established coding standards and guidelines to ensure code quality.
- Worked with our internal team and client to influence the roadmap and charting technical work plans.

CERTIFICATES

SwiftUI Essential Training (12/2023)

LinkedIn Learning

DevOps Foundations: Continuous Delivery/Continuous Integration (01/2024)

National Association of State Boards of Accountancy (NASBA)

iOS - Test-Driven Development (01/2024)

LinkedIn Learning