

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.

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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 data-driven 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

Riyadh, Saudi Arabia

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.

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