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About Me

As an iOS developer with ± 1 year of experience at the Apple Developer Academy, I have honed my skills in a variety of programming languages and technologies. My technical expertise as informatics student includes **Swift, Objective-C, SwiftUI, iOS SDK, CloudKit, App Store Connect, Dart, Flutter, Java, Kotlin, Firebase, MySQL, PHP, Laravel Framework, Javascript, Typescript, Node.js, NextJs, Python, RestAPI, Git, Agile Methodologies**, Software Development Life Cycle (SDLC), **Test Engineering & Automation** and various design patterns such as **MVC and MVVM**. Beyond my hard skills, I bring strong soft skills to the table, including leadership, collaboration, and time management. I am passionate about creating innovative solutions and am always ready to take on new challenges. I look forward to bringing my unique blend of skills and experience to future projects and collaborations.

Education

Ciputra University Surabaya (August, 2020 – June, 2024)

GPA: 3.97 / 4.00 (Summa Cum Laude)

Bachelor of Computer, Informatics

Working Experiences

iOS Developer Intern, Apple Developer Academy (February, 2023 – December, 2023)

- **Swift and Objective-C Development:** Utilize my knowledge of Swift and Objective-C to design, build, and maintain iOS applications for Apple devices, aiming to develop at least one new feature per sprint. I also successfully launched 4 applications using App Store Connect.
- **SwiftUI and XCode Usage:** Leverage SwiftUI for UI development and XCode for building, testing, and debugging applications, with the goal of reducing debugging time by 15%.
- **iOS SDK Integration:** Implement iOS SDK to access device features, create a seamless user experience, and ensure the application's compatibility with the latest iOS versions, aiming for a 99% compatibility rate.
- **MVVM Design Pattern:** Apply the Model-View-ViewModel (MVVM) design pattern to develop scalable and maintainable applications, improving code readability and testability, resulting in a 30% reduction in code complexity.
- **Version Control with Git:** Use Git for version control to track changes, create branches, and manage collaborative development efficiently, aiming to maintain a code integration success rate of over 98%.

Recent Projects

ASPRA Network (October, 2023 – June, 2024)

ASPRA Network is a user-friendly website developed using the Laravel Framework with Tailwind CSS for the UI and Livewire for scripting. The project implemented a Model-View-Controller (MVC) architecture and used MySQL for data storage. The waterfall model was employed for software development. Key features of ASPRA Network include user management with role leveling, product management, machine management, Order Internal (OI) management, OI approval and verification, schedule and SPK management, and production report management. Additionally, the website integrates the WhatsApp API for notifications related to approval processes and production reject alerts. Through this project, I learned how to effectively use Laravel, Tailwind CSS, and Livewire to create a functional and user-friendly website. I also gained experience in implementing the MVC architecture and managing data with MySQL. The integration of the WhatsApp API provided valuable insights into enhancing user communication within an application. Upon completion, ASPRA Network demonstrated the ability to streamline various management processes, and I am proud of the robust and efficient system I created.

Moco Kids (September, 2023 – December, 2023)

Moco Kids is a comprehensive iOS and iPadOS app designed to enhance comprehension skills for first graders. It features three innovative components: a story card, a gyro maze, and an AR-based 'find the object' game. This app was developed as the final project for the Macro Challenge at the Apple Developer Academy. The app was created using a range of technologies, including Swift, SwiftUI, SwiftData, CloudKit, Speech Recognition API, Game Center, Core Haptics, Core Motion, ARKit, SceneKit, and AVFoundation. Moco Kids was successfully uploaded to the App Store via App Store Connect, making it readily accessible to users worldwide. Through this project, I gained extensive experience with advanced technologies and learned how to integrate multiple features into a cohesive educational app. I also developed skills in app deployment and gained insight into the complete app development lifecycle. Upon completion, Moco Kids showcased the potential of technology to facilitate early learning and development. The app has proven to be a valuable tool for first graders, and I am proud of its successful publication on the App Store.

Dialogue (July, 2023 – September, 2023)

Dialogue is a multi-platform app designed to help children learn English vocabulary. Available on iOS, iPadOS, and watchOS, it utilizes a range of technologies including SwiftUI, CoreData, CloudKit, Combine, SwiftSpeech, Game Center, Core Haptics, and WidgetKit. The app was successfully uploaded to the App Store via App Store Connect. Through this project, I learned how to integrate various technologies to create a cohesive and engaging learning experience. Working with SwiftUI, CoreData, CloudKit, and other tools allowed me to develop a comprehensive understanding of multi-platform app development. I also gained valuable experience in the app deployment process to the App Store. Upon completion, Dialogue demonstrated the potential of technology to facilitate learning and development. The app has proven to be a valuable tool for children learning English, and I am proud of its positive impact and successful publication on the App Store.

Organization Experiences

Head of Mentor, Ciputra University Mentoring Department (June, 2022 – June, 2023)

- **Leadership:** Lead and inspire a team of 4 mentor's coordinators, aiming to improve team performance by 20% through effective leadership strategies.
- **Organization Management:** Oversee the organization's operations and ensure efficiency, with the goal of increasing overall productivity by 15%.
- **Mentorship Program Development:** Develop and implement mentorship programs that cater to the needs of 240 students, aiming to increase student satisfaction rates by 25%.

Treasurer, Ciputra University Awarding Night (April, 2023 – June, 2023)

- **Financial Management:** Oversee the organization's financial activities, including budgeting and financial planning, with the goal of reducing unnecessary expenses by 10%.
- **Record Keeping:** Maintain accurate financial records and ensure compliance with financial regulations, aiming for a 100% accuracy rate in financial reporting.

Certification & Training

- Certified Developer by Alibaba Cloud (October 2023)
- Competence Occupational Programming Certification by Badan Nasional Sertifikasi Profesi (BNSP) (November 2023)
- English Proficiency Test CEFR Level C1 by Clarity English Dynamic Placement Test (April 2024)

Additional Information

Skills: Swift, Objective-C, SwiftUI, iOS SDK, CloudKit, Flutter, Java, Kotlin, Firebase, MySQL, PHP, Laravel Framework, Javascript, Typescript, Node.js, NextJs, Python, Git, MVC, MVVM, Leadership, Collaboration, Time Management