

FAZA FARESHA AFFANDI

SOFTWARE ENGINEER

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SUMMARY

Passionate and dedicated Software Engineer specializing in mobile development with expertise in creating high-performance applications using modern frameworks like SwiftUI and Flutter. With a strong foundation in programming and a commitment to delivering exceptional user experiences, I thrive on turning ideas into functional, visually stunning apps.

PROFESSIONAL EXPERIENCE

iOS Developer, Bengkel Koding Sep 2024 - Feb 2025
Internship - Semarang, Indonesia (Hybrid)

- Developed a multiplatform application for campus needs using Swift, ensuring optimal functionality on iOS.
- Applied the latest iOS development principles, utilizing Swift, SwiftUI, Core Data, and API integration to enhance app performance.
- Collaborated in a team of seven with different roles, contributing to feature integration and cross-platform compatibility.

iOS Developer, Apple Developer Academy @ UC Mar - Dec 2024
Internship - Surabaya, Indonesia (Onsite)

- Developed expertise in Swift, SwiftUI, and Core Apple Frameworks, delivering high-quality, functional applications
- Worked on projects that emphasized accessibility, innovation, and user-centric design, ensuring impactful user experiences
- Collaborated with 30+ learners from diverse backgrounds, honing teamwork, problem-solving, and communication skills

Teaching Assistant, Bengkel Koding Sep 2023 - Jan 2024
Internship - Semarang, Indonesia (Onsite)

- Provided hands-on support in Flutter framework and Dart programming, helping students build robust and visually appealing cross-platform applications
- Designed and delivered interactive lessons on mobile development concepts, including state management, UI/UX principles, and Firebase integration
- Assisted students in debugging, optimizing code, and implementing best practices to ensure high-quality project outcomes
- Facilitated project-based learning, guiding students through the complete development lifecycle

PROJECTS

Timo - STI Bimbingan Online

innovative app designed to streamline the Final Project supervision process for students and lecturers at universities.

- Created iOS application using SwiftUI, CoreData, RxSwift, and Alamofire, worked as a team to develop this app.

Ancient Rhythm

Story games with rhythm mechanic

App Store : <https://apps.apple.com/id/app/ancient-rhythm/id6737181319>

- Created 2.5D games using SceneKit and SpriteKit, worked as a team to develop multiple game modes with rhythm as core mechanics

Me First!

Interactive card game to help people connect and communicate with others through engaging conversation topics

App Store : <https://apps.apple.com/app/me-first/id6550893520>

- Created card game using SwiftUI, transformed UI design & animations into app, and launched the app on the App Store

Neon Shadow : Cyber Thief

2D metroidvania game set in a futuristic world.

- Explored apple technologies especially in game development such as SpriteKit, GameplayKit, and GameKit to create 2D game

Vetric

Health score calculator app with corrective measures for both physical shortcomings and daily activities.

- Learnt SwiftUI for iOS development for the first time to create simple app that can help people keep on the path of a healthy lifestyle

Lapor Book

Mobile application used to upload public reports related to problems related to public services or government administration services

- Partnered with 2 teaching assistant and 1 Lecture to create project-based app course for Junior Mobile Programmer certification test in LSP Udinus odd semester 2023 using Flutter

Catatan Keuangan

Mobile application used to track personal expenses

- Partnered with 2 teaching assistant and 1 Lecture to create project-based app course for Bengkel Koding Mobile Development Path odd Semester 2023 using Flutter

EDUCATION

Dian Nuswantoro University (UDINUS) - Semarang, Indonesia

Sep 2021 - Feb 2025

GPA : 3.91 / 4.00

Bachelor of Informatics Engineering

ADDITIONAL INFORMATION

Technical Skills

- **iOS Development:** Swift, SwiftUI, SwiftData, AVFoundation, AVFAudio, CoreHaptics, UIKit, URLSession, CloudKit, MVVM Architecture, RxSwift, Alamofire
- **Android Development:** Dart, Flutter, Java, Android Studio, XML, Firebase, Retrofit, SQLite
- **Web Development:** JavaScript, React, PHP, CodeIgniter, Bootstrap, CSS, TailWind
- **Machine Learning:** Python, Tensorflow, Keras, PyTorch, ComputerVision, YOLO
- **Game Development:** SpriteKit, GameplayKit, GameKit, SceneKit, ECS
- **Project Management:** Jira, Miro Kanban, Git, Notion

Languages: Bahasa Indonesia, English