

Fico Pangestu

Software Engineer

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SUMMARY

A Computer Science Student with a passion for technology and app development. Experienced in software engineer and back-end web development using PHP, Java, and Javascript. Completed an iOS Foundation Program at the Apple Developer Academy and IDCamp Bootcamp. Active in campus activities as a laboratory teaching assistant, Freshmen Leader, Scholarship Mentor, and organizations. Currently, embracing the role of a Software Engineer Intern at Samsung R&D Institute Indonesia, contribute to innovative projects that challenge abilities and fuel professional growth.

EXPERIENCE

Samsung R&D Institute Indonesia

Software Engineer Internship (March 2024 – present)

- Troubleshooting, Debugging, and Upgrading Existing Systems.
- Enhance code readability, maintainability, and performance by improving existing code.
- Design and implement test cases to verify individual components using Jasmine, Junit, and Mockito.
- Participate in code reviews and work closely with colleagues on complex tasks.

Apple Developer Academy x Binus University

iOS Foundation Cohort 18 Participant (March 2023 – April 2023)

- Completed a 4-week program on app development on the iOS platform using Swift, Apple's programming language.
- Worked with Apple-trained instructors to Learn the fundamentals of coding, object-oriented programming, SwiftUI, Prototyping with Sketch, and CoreData.
- Engaged in Challenge Based Learning Framework, enhancing collaborative skills through app prototype projects.

Kamar Pelajar

Back-end Developer Intern (October 2022 – March 2023)

- Developed and maintained web features, enhancing the user experience.
- Worked with students and professionals across 10+ countries.
- Utilized PHP, MySQL, HTML, CSS, and the Laravel framework for back-end coding.
- Collaborated with the product manager and team to delegate tasks and provide constructive feedback.

Laboratory Center Alam Sutera (LCAS) Binus University

Part-Time Laboratory Teaching Assistant (February 2022 – August 2022)

- Taught, corrected, and evaluated student's assignments and projects in various programming languages and frameworks, such as C, Java, SQL.
- Communicated, cooperated, and managed time effectively as part of the laboratory center team.
- Gained extensive hard skills through hands-on training.

Indosat Ooredoo Digital Camp 2021

Participant (May 2021 – December 2021)

- Passed the selection process and attended the online classes and mentoring sessions facilitated by Dicoding, a Google Authorized Training Partner in Indonesia.
- Learned the skills and technologies required to create interactive and responsive web pages, such as JavaScript, Webpack, and Node.Js.
- Completed a coding bootcamp on front-end web development learning path, the course consist of [Learn Web Programming Basics](#), [Learn to Create a Web Front-End for Beginners](#), [Learn the Fundamentals of Front-End Web Development](#), and [Become a Front-End Web Developer Expert](#).

ORGANIZATIONAL EXPERIENCE

Keluarga Mahasiswa Buddhis Dhammavaddhana (KMBD) Binus University

Activist of Sport, Art, and Internal Relation (Dec 2022 – Dec 2023)

- PIC of DV Gathering.

- Volunteer of DV Card 34.
- Committee of PMB x WP 2023.

Himpunan Mahasiswa Teknik Informatika (HIMTI) Binus University

Activist of Web Development Division (March 2022 – Dec 2022)

- Web Developer for HIMTI KIT TECHNO 2022.
- Committee of PBP TEHCNO 2022.
- Trainer of PBP TEHCNO 2022.

EDUCATION

BINUS University (2021 - 2025)

Bachelor of Computer Science - GPA 3.91/4.00

- Scholarship Mentor: Provided academic guidance and learning skills to students who required assistance or did not meet the university's standards, received a scholarship for having a GPA above 3.50 and no repeated courses for 2 semesters.
- Freshmen Leader: Led and mentored freshmen for orientation program before the start of first semester.

HARD SKILLS

- Front-End Development
- Back-End Development
- PHP
- Laravel
- Java
- JavaScript
- React.Js
- Kotlin
- Python
- Swift
- Dart (Flutter)
- C# (ASP.NET)

SOFT SKILLS

- Problem Solving
- Critical Thinking
- Time Management
- Communication
- Teamwork
- Leadership

PROJECTS

[Restopedia](#)

Web Application

Restopedia is a project submission for the Dicoding's "[Menjadi Front-End Web Developer Expert Course](#)." The objective was to build a Progressive Web Application for restaurants that is well-tested and optimized. The website, designed to help users find recommended restaurants quickly and easily, was developed using HTML, CSS, JavaScript, and Node.JS. Key submission criteria included implementing integration and end-to-end tests, optimizing images and bundles, ensuring display responsibility, and enhancing website accessibility.

[Bluejack Bookstore](#)

Java GUI Application

Bluejack Bookstore is a store selling books of various genres. This program is to manage transactions and the book management system. This program is developed using the Java Programming Language, specifically with JavaFX for the graphical user interface (GUI), and MySQL connector. The project is intended for a student's lab project.

[See other projects](#)