

BENAYA GIVEN JANTO

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About Me

A dedicated Full-Stack Software Engineer specializing in backend architecture and modern web and mobile frameworks. Passionate about streamlining complex workflows, writing clean, scalable code, and leveraging technologies to build intuitive, impactful applications that solve real-world problems.

Working Experience

iOS Developer Learner

March 2026 – Present

Apple Developer Academy @Binus, BSD

Tangerang, Indonesia

- Engaged in Challenge-Based Learning program to design, prototype, and develop native iOS applications within the Apple ecosystem
- Collaborated closely within cross-functional teams to investigate real-world problems and implement user-centric solutions using Swift

Python Developer Intern

Sep. 2025 – Jan. 2026

PT Sarana Abadi Makmur Bersama (SAMB)

Jakarta, Indonesia

- Developed and deployed an end-to-end OCR/LLM document parsing pipeline, automating invoice data extraction and reducing daily manual entry time across finance operations
- Engineered a hybrid extraction pipeline combining PyMuPDF, Tesseract, and OpenCV for rapid parsing, with Azure Document Intelligence and LLM for complex documents
- Architected backend with a centralized logger database and custom logic to dynamically process specific document edge cases

Education

Bina Nusantara University @Alam Sutera

Tangerang, Indonesia

Bachelor of Computer Science | GPA: 3.69 / 4.00

Sep. 2022 – Nov. 2026 (Expected)

Projects

nectAR | *SwiftUI, ARKit, RealityKit*

July – Aug. 2026

- Refactored and architected a hybrid MVVM + Entity-Component-System pattern for a real-time AR application
- Designed a state-driven simulation engine with conditional logic across multiple failure states, driven by a deterministic, synchronized timeline
- Built a real-time spatial placement system combining surface detection and distance sensing to give users live validity feedback and prevent invalid interactions

NOWI | *SwiftUI, MapKit, Vapor, PostgreSQL, Redis*

June – July 2026

- Designed and built backend features across the API and data layer, such as event bookmarking, photo upload, interest management, and a push-notification service, including new migrations, DTOs, and controller endpoints
- Redesigning real-time notification system from in-memory tracking to a persisted per-subscriber broadcast architecture, eliminating silent delivery drops.
- Resolved a cross-stack networking bottleneck causing load delays, and built SwiftUI client features consuming the backend API. Also deployed and operated backend services on a VPS for ongoing development

RallySnap | *SwiftUI, Combine, CoreML, Vision, AVFoundation*

April – May 2026

- Built the camera capture module using AVFoundation, including session configuration and front/back camera switching across wide, dual, and triple lens devices
- Developed a custom zoom translation engine and orientation aware recording, with safeguards against losing in progress footage
- Designed a rule of thirds grid overlay, custom SwiftUI camera controls such as a zoom slider and toggle styles, and a multi-page onboarding flow for first-time users

KlassRoom - School Management System | *Laravel, PHP, SQL*

Feb. – Aug. 2025

- Designed and developed a full-stack educational administration system to streamline student data management and role-based access control
- Managed the end-to-end project lifecycle, from initial system architecture to presenting the final functional deliverable to university stakeholders

Organizational Experience

Freshmen Partner

Oct. 2023 – July 2024

Student Support Office (Binus @Alam Sutera)

Tangerang, Jakarta

- Mentored a dedicated group of first-year students across two semesters, providing ongoing academic guidance and campus life transition support through regular evaluation sessions

Freshmen Leader

Sept. – Oct. 2023

Student Support Office (Binus @Alam Sutera)

Tangerang, Jakarta

- Led and facilitated orientation activities for incoming freshmen, ensuring a seamless onboarding experience into the university ecosystem

Technical Skills

Languages: Java, Python, C/C++, SQL, TypeScript, Swift

Frameworks: React, Laravel, ASP.NET, Node.js, Flask, FastAPI, Vapor, SwiftUI

Developer Tools: Git, Docker, VS Code, Microsoft Azure, MySQL, PostgreSQL, Xcode

Libraries: pandas, NumPy, Prisma, OpenCV, Tesseract, TensorFlow