
NOVAL ARIANDY



About Me

I am a flexible full-stack developer that experienced in various programming languages and software development tools. Have a strong academic background in system development methodologies, with a solid understanding of UML and related modeling techniques. Proficient in multiple languages, including Indonesian, English, and Malay.

Contact Me

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Job Experience

Software Engineer Intern in 1TPlus
From 29 July 2024 to 16 November 2024

Part-Time Software Engineer at 1TPlus
From 17 November 2024 until 16 July 2025

- Responsible for developing, maintaining, and testing both backend (Go) and frontend (Flutter) using MySQL and DynamoDB for the database for an AI Trading Application

Freelance Software Engineer (1 Month contract)
From 26 September 2025 until 25 October 2025

- Responsible for updating the frontend UI/UX according to specification, as well as managing the website's API integrations.

Education

Bachelor of Science (Hons) in Software Engineering
Asia Pacific University, Malaysia
From Sep 2022 to Sep 2025

Relevant coursework: Object-Oriented Development, Data Analysis, Mobile App Engineering, Quality Engineering, Advanced Programming Concepts, Blockchain Development, Design Patterns, Advanced Database, Cloud Application Development.

Highlighted Skills

- Flutter: Used in the creation of multiple projects with one year of professional experience through an internship and part-time.
- SQL: Applied in various projects involving relational databases, including data modeling and query optimization.

- JavaScript: Self-taught skills that are used when implementing functional programming concepts.
- Blockchain: Experienced in applying various blockchain concepts on multiple projects.

Projects

❖ ZUS Chatbot

This project was developed in Python, with LangChain for the [backend](#) and Vue.js for the [frontend](#). In this project, I create a [scraper](#) that can retrieve information on ZUS drinkware and outlets in Kuala Lumpur, Selangor. I use ChromaDB as a Vector database for RAG implementation and Supabase with text2SQL generated by LLM using Groq. This chatbot will be available [here](#) until 8 December 2025 or until the Railway's free credit runs out.

❖ Social Media for Charity Application

This project uses Flutter as the [front-end](#), JavaScript as the [back-end](#), and Supabase as the database. In this project, I integrated a payment gateway to allow payment from multiple sources. Aside from that, I implemented a consensus mechanism with a public ledger to promote transparency on the donation usage.

❖ Personal Website

This project uses a combination of HTML, CSS, and JavaScript to deliver a smooth and interactive website. This project aims to showcase myself and share my skills and experiences. You can visit this site [here](#).

❖ Media Loader Application

This project was developed using React Native, supporting both Android and iOS devices. This project was created while I was learning React Native for the first time. This project allows the user to select a folder or a zip file, and from there, all images or videos will be displayed. You can check the app and its development [here](#).

Other Relevant Skills

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|-------------------|--------|------------------------|-------------------|
| • Leadership | • UML | • Teamwork | • Time Management |
| • C++ | • C# | • AWS Cloud Foundation | • Communication |
| • Problem Solving | • Java | • React Native | • Python |

Reference

- **Mrs. Mary Ting** - Senior Lecturer at Asia Pacific University
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- **Mr. Dhason Padmakumar** – Senior Lecturer at Asia Pacific University
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