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# NOVAL ARIANDY

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## 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 and updating API on serverless architecture using GO
- Responsible for implementing UI/UX based on design specification into responsive Flutter interfaces
- Perform testing and debugging on backend and frontend components to find and resolve bugs.
- Create comprehensive documentation on each page of the mobile application.

## 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

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- ❖ 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](#).
- ❖ Asset tracking and Supply chain system  
This was created using a combination of object-oriented and functional programming while enhancing its security and transparency by integrating blockchain technology.
- ❖ 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](#).
- ❖ J.I.M Chatbot  
This project is a key part of the introduction to AI module, in this project, I learned how to create a chatbot. JIM is a chatbot that specializes in giving advice related to workouts and healthy diets.

## 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

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- **Mrs. Mary Ting** - Senior Lecturer at Asia Pacific University  
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