Melfanny Leono

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Informatics Engineering student in the fifth semester at Tarumanagara University, currently seeking an internship to gain experience in the IT field. I have basic knowledge of software development and network engineering. I am excited to learn new skills, grow professionally, and contribute to real projects.

EDUCATION

Tarumanagara University - West Jakarta, Indonesia

Majoring in Informatics Engineering   August 2023 – Present

- Current GPA 3.73 / 4.00
- Relevant Coursework
  Software Engineering, Web Programming, Distributed Systems, Database Systems, Object-Oriented Programming, Mobile Application Development, Data Structures and Algorithms.

WORK EXPERIENCES

Faculty of Information Technology Tarumanagara University   Contract

Lecturer's Teaching Assistant (Distributed Systems)   August 2025 – Present

- Assisted lecturers in preparing and delivering course materials for Distributed Systems.
- Guided students through practical sessions and helped troubleshoot programming exercises.
- Supported lab activities and provided technical assistance during hands-on learning.

PROJECT EXPERIENCE

Etreese Fashion Website, *Laravel Framework*   May 2025 – June 2025

- Developed a fashion e-commerce website with admin and user interfaces.
- Implemented product management, authentication, and order system using Laravel MVC structure for clean and maintainable code.
- Deployed the website using Nusa ID hosting, Hostinger domain, and Supabase (PostgreSQL) for database management.

Simulasi Aplikasi Pesan Antar Menggunakan, *Frontend Development*   September 2024

- Designed and simulated a food delivery network system using GNS3, configuring firewall, DMZ, and multiple client hosts while implementing Access Control Lists (ACL) to manage and secure network traffic across segments.
- Developed server–client communication using Python socket programming to enable message exchange across network segments.
- Demonstrated secure and efficient data transfer by integrating network security and distributed system principles.

Mobile Banking App (Prototype), *Flutter*   September 2024 – October 2024

- Developed a mobile banking application prototype showcasing a realistic and user-friendly interface.
- Implemented responsive layouts, navigation flows, and UI components to simulate common banking features.
- Focused on frontend design and user experience without backend integration, demonstrating Flutter proficiency and design skills.

TECHNICAL SKILLS

Programming Language	:	HTML5, CSS3, Java, JavaScript, PHP, Python, SQL, C++ dan Dart
Software & Tools	:	Visual Studio Code, ReactJs, Laravel, GitHub, PostgreSQL, MongoDB, Postman, Figma, Android Studio, XAMPP, Laragon, GNS3, Cisco, dan Ubuntu Server
Concepts & Design	:	Object-Oriented Programming (OOP), Algorithm & Data Structure, Distributed System Design, Database Design

ADDITIONAL EXPERIENCE

MARSIPALA Untar   West Jakarta, Indonesia
Secretary   August 2025 – Present
- Prepared event proposals, financial and activity reports (LPJ), and maintained organizational documentation.
- Organized and scheduled internal meetings, ensuring timely communication and coordination among members.
- Reminded and monitored activity timelines to ensure events and meetings proceeded according to plan.

DPM FTI Untar, Development & Administration Department   West Jakarta, Indonesia
Member   November 2024 - June 2025
- Managed administrative documents and supported the development of internal DPM systems.
- Assisted in drafting and archiving proposals, activity reports, and budgeting files.
- Collaborated with other divisions to ensure smooth organizational administration and development.

MARSIPALA Untar, 50th Anniversary of Marsipala   West Jakarta, Indonesia
Event Coordinator   February 2025 – April 2025
- Led the concept development and theme design for Marsipala's 50th anniversary celebration.
- Coordinated multiple divisions, including funding, transportation, event operations, logistics, public relations, and documentation.
- Ensured effective coordination and collaboration among committees and alumni to deliver a smooth and successful anniversary event.