

# Arenga Pinnata Marzuki

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## SUMMARY

I am a fresh graduate from Mercu Buana University with a degree in Information Systems, focusing on full-stack web development. I specialize in Laravel and have solid skills in HTML, CSS, JavaScript, and PHP. I've developed several projects, including a tracer study website and a digital waste management system, applying both backend and frontend principles. My experience also includes mentoring as a front-end lead, where I guided team members and researched tools to improve UI performance. I'm skilled in MVC architecture, database management, and API integration, with a strong focus on building responsive, user-friendly, and efficient web applications. Passionate about technology and problem-solving, I'm eager to grow and contribute to impactful development teams.

## EXPERIENCE

**LABSCHOOL CIRENDEU** September 2024 – January 2025  
Website Developer

- **Developed a landing page** using the Laravel framework, ensuring a user-friendly and visually appealing design with features like contact forms and event schedules.
- **Created a tracer study website** to track alumni who have enrolled in state universities, including features for alumni registration, data collection, and reporting.
- **Built responsive websites** that automatically adjust to different screen sizes, providing an optimal user experience across desktops, tablets, and smartphones.

**PKM Mercubuana University** August 2024 – December 2024  
Fullstack Developer

- **Developed a Waste Bank Website:** Built a Laravel-based system to facilitate digital waste management, allowing communities to track and manage waste transactions efficiently.
- **Community Website Training:** Supported lecturers in socializing and introducing the waste bank website to the community through training sessions and demonstrations.
- **User Guide Documentation:** Created detailed instructional documents outlining how to use the website, ensuring smooth adoption by the community and administrators.

## ORGANIZATION

**HIMSISFO (Himpunan Mahasiswa Sistem Informasi)** October 2022 – October 2023  
Instructor of Education Division

- Taught programming materials such as C++ and Web development to members of the association, including both junior and senior students.
- Being the division in charge of education such as programs, materials, and techniques.
- Responsible for answering questions about problems in lecture materials, procedures for filling out KRS, events, and other questions about teaching and learning activities.

**Laboratory Assistant** May 2023 – January 2025  
RnD & Lead Front-end Web Development

- Oversee and mentor team members in front-end development, ensuring best practices and the latest technologies are implemented.
- Research and evaluate innovative tools and frameworks to enhance user interface performance and developer efficiency.
- Lead the design, development, and optimization of web applications while coordinating training and educational initiative for the team.

## EDUCATION

**UNIVERSITAS MERCU BUANA – Bachelor of Information System** 2021 - 2025  
GPA 3.83/4.00

**REVOU TECH ACADEMY – Data Analytics & Software Engineering** February 2024 – June 2024  
Final Score 92/100

## PROJECTS

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### Frontend Developer & Data Analyst

New York Property Sales Dashboard (RevoU Capstone Project)

- **Developed a data analysis dashboard:** Built a web-based dashboard to analyze New York property sales data.
- **Applied root cause analysis:** Identified underlying factors and insights driving the trends observed in the data.
- **Created visual reports:** Used the Chart.js library to generate interactive visualizations, including bar charts, line charts, and pie charts, to represent data insights.

### Fullstack Developer

Bank Imam (Waste Management Systems)

- **Developed a waste management application:** Built the system using Laravel to support a community-driven waste bank service.
- **Enabled user functionality:** Implemented features for users to track waste deposits, monitor their contributions, and earn rewards.
- **Admin dashboard development:** Designed and implemented an admin dashboard for managing users, tracking overall waste collection, and monitoring reward distributions.

### Fullstack Developer

Building a Tracer Study Website

- **Developed the application:** Built a tracer study website using Laravel and Filament, enabling efficient tracking of alumni who have enrolled in state universities.
- **Utilized Laravel and Filament:** Leveraged Laravel's robust backend features along with Filament's admin panel to manage and display alumni data, ensuring a seamless user and admin experience.
- **Implemented user-friendly features:** designed a responsive layout for smooth user interaction across devices.

## COMPETITIONS

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### 1<sup>st</sup> Winner of PHKM (Pameran Hasil Karya Mahasiswa)

Building App Competition

- **Developed "Analytix",** a machine learning analytics platform designed to assist data scientists in testing, visualizing, and evaluating models.
- **Collaborated in a team** to plan, design, and present the application effectively within a limited time frame.

### Shopee Code League 2022

Competitive Programming

- **Demonstrated problem-solving skills:** Applied creative and efficient solutions to tackle a wide range of algorithmic tasks.
- **Collaborated with team members:** Worked both independently and as part of a team to develop optimized solutions under time constraints.

## SKILLS

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**Framework** : NextJS, ReactJS, ExpressJS, Laravel, Code Igniter, Bootsrap, TailwindCSS.

**Programming Language** : PHP, JavaScript, SQL, Go, Python.

**Tools** : Visual Studio Code, GitHub, Postman, Google Colab, Google Big Query.

**Soft Skills** : Communication, Problem Solving, Critical & Analytical Thinking, Teamwork, Creative.