



# Richard Angelico Pudjohartono

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Website Portofolio: <https://angelalim88.github.io/>

## Profile

Informatics undergraduate at Atma Jaya Yogyakarta University. Passionate about machine learning, particularly in Natural Language Processing (NLP) and applied machine learning. Experienced in web and mobile app development using React, Flutter, and Express. Skilled at turning complex ideas into practical solutions, with strong development experience, collaborative skills, and a high motivation to grow in the tech industry.

## Technical Skills

**Languages:** C, Java, PHP, Python, Javascript, HTML, CSS, Dart

**Framework & Tools:** Express, Flutter, Laravel, React, Tailwind, Bootstrap, Git, Figma, Firebase, Selenium, Postman

**Database:** MySQL, Oracle

**Others:** REST API, UML, Object-Oriented Programming, Data Structures

## Education

### Atma Jaya Yogyakarta University

August 2022 - Present

*Bachelor's Degree, Informatics. GPA 3.75 / 4.00*

### Budi Utama High School

June 2019 - June 2022

*Science Class. Top 5 parallel students with average score 90/100*

## Work Experience

### Atma Jaya Yogyakarta University, Yogyakarta

*Statistic Assistant Lecture*

Aug 2023 - Dec 2024

- Taught Statistics over 206 students across two semester (sems 3 and sems 5), focusing on data analysis, frequency distribution, and graphical representation for undergraduate students.

*Discrete Math Assistant Lecture*

Jan 2024 - Jun 2024

- Taught Discrete Math course over 206 students, emphasizing mathematical modelling, set theory, and combinatorics as foundational knowledge for upcoming AI course.

### Udemy (remote)

*Investment Banking Instructor*

Jan 2023 - Present

- Taught over 120 active students in investment banking, covering stock market psychology, valuation techniques (LBO, DCF, Relative Valuation, Asset Based Valuation, Monte Carlo, Black Scholes), and investment strategies.

## Leadership Experience

### APRES HIMAFORKA (member)

August 2022 - Jun 2023

- Working on the various programs for informatics student association, academic (APRES) division. Such as community service, preparation of mid-semester exam tutorials, and the committee for various I-FEST event series.

### HIMAFORKA Community Service (chairperson)

Oct 2022 - Nov 2023

- Coordinated event and developed fun ways of learn programming to 4 and 5 grade student in Marsudirini Elementary School using Scratch.

## Achievements

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### OSC Medcom.id Awardee

- OSC Medcom ID Scholarship Award is a prestigious full-tuition scholarship by Medcom ID, covering 4 years of undergraduate studies, recognizing academic excellence and potential.

## University Projects

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### HaloSatoshi-Chatbot

A 24/7 AI-powered banking customer service chatbot that handle both general question and specific request like mobile banking token replacement or error transfer reports. Using Retrieval Augmented Generation, Cosine Similarity, and Ollama API to ensure accurate and natural human like answer. The UI is build with React, and the backend powered by Express.

Full App Documentation: <https://github.com/angelalim88/Satoshi-Bank-ChatBot>

### ReuseMart

A second-hand marketplace platform built with React, Flutter, and Express, designed to facilitate buying, selling and managing used goods while promoting sustainability trough a structured ecosystem.

Full App Documentation: <https://github.com/angelalim88/ReuseMart-Marketplace>

### Atma Cinema

Build with Flutter and Laravel, provide users with an easy way to browse movie schedules, book tickets, view movie details, and make payments for cinema visits, enhancing the overall movie-watching experience.

Full App Documentation: <https://github.com/angelalim88/Atma-Cinema>

### CNN-LSTM Solar Prediction

Predict solar output using a hybrid CNN-LSTM model based on solar irradiance & weather data.

Full App Documentation: <https://github.com/angelalim88/Solar-Energy-Prediction-CNN-LSTM>

### Betawi Multilabel Text Classification

Performs multilabel text classification on Betawi dialect sentences to identify sentiments (positive, negative, neutral) across six categories (fuel, machine, others, part, price, service) on public opinion about vehicle.

Full App Documentation: <https://github.com/angelalim88/Betawi-Multi-Label-Text-Classification>

## Skills & Interest

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Language: Indonesian, English, Mandarin

Interest: Finance, Artificial Intelligence, Machine Learning, Deep Learning

## Certifications

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### EC-Council:

- Certified Secure Computer User C/SCU (2023)

### Meta – California:

- React Basics (2025)

- Advanced React (2025)

- Programming with Javascript (2025)

### IBM – New York:

- Developing Backend Apps with Node.js and Express (2025)

### Sucor Sekuritas – Indonesia:

- Investment Banking Club Indonesia (2024)