

Rama Danadipa Putra Wijaya

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About Me

Information Systems student at Universitas AMIKOM Yogyakarta with a focus on Full Stack Web Development. Experienced in developing web applications using React.js, Next.js, Laravel, FastAPI, PostgreSQL, and MySQL, covering frontend, backend, API integration, and database management. Possesses strong knowledge of SDLC, RESTful APIs, and database systems, with excellent problem-solving, teamwork, and adaptability skills. Committed to building scalable, maintainable, and user-friendly applications.

Education

Universitas AMIKOM Yogyakarta

2023 – 2027

Bachelor of Information Systems

GPA: 3.98 / 4.00

Relevant Coursework:

- Algorithms and Programming
- Database Systems
- Object-Oriented Programming
- Systems Analysis and Design
- Web Application Development
- Information Systems Project Management

SMA Negeri 1 Blitar

2019 – 2022

Science Major (Natural Sciences)

Work Experience

Aeternum Webspace Studio

February 2026 – Present

Freelance Full Stack Developer

- Develop and maintain Tuneboss Indonesia's inventory management web application.
- Build and implement frontend and backend features based on user and client requirements.
- Integrate RESTful APIs and backend services to support system functionality.
- Perform debugging, testing, and application performance optimization.
- Collaborate with the development team to deliver scalable and maintainable digital solutions.
- Participate in the implementation of new features and continuous application improvements.

Internship Experience

Forum Asisten

February 2025 – Present

Programming Language 1 & 2 and Digital Business Teaching Assistant

- Guide students in learning Kotlin Programming and Object-Oriented Programming concepts.
- Assist students in understanding RESTful APIs and web application development.
- Support debugging, code reviews, and programming problem-solving activities.
- Provide mentoring on Laravel, MySQL, and Tailwind CSS implementation.
- Assist in the execution of practical sessions and laboratory activities.
- Enhance technical communication, mentoring, and problem-solving skills through academic support activities.

Project Experience

JIVARA : AI Healthcare Monitoring and Medication Management Platform

Role : Full Stack Developer

Teknologi : React.js, ExpressJS, PostgreSQL, Tailwind CSS

- Developed a web-based healthcare platform to help patients monitor their health conditions and medication adherence.
- Designed and implemented a Medication Reminder feature using push notification technology.
- Developed a drug-food interaction detection system to improve medication safety and effectiveness.
- Collaborated with Data Scientists and AI Engineers to build and integrate Artificial Intelligence-based features.
- Developed and maintained frontend and backend components, including database integration and management.

SertiKu: Blockchain-Based Digital Certificate Platform

Role: Co-Founder & Full Stack Developer

Technologies : Laravel, Tailwind CSS, MySQL

- Developed a web-based digital certificate management platform.
- Built and maintained the frontend using Laravel Blade and Tailwind CSS.
- Developed backend functionalities using the Laravel Framework.
- Designed, managed, and optimized MySQL databases.
- Implemented digital certificate verification and management systems.
- Participated in platform planning, feature development, and deployment processes.

Mountain Hiking Route Recommendation System Using Content-Based Filtering with SBERT and Cosine Similarity

Role : Researcher & System Developer

Technologies : Python, Sentence-BERT (SBERT), Cosine Similarity, Natural Language Processing (NLP)

- Developed a mountain hiking route recommendation system based on a Content-Based Filtering approach.
- Implemented Sentence-BERT (SBERT) and Cosine Similarity algorithms to improve recommendation relevance and accuracy.
- Integrated GPX data and literature-based information using a Data Fusion approach.
- Conducted system testing on 39 hiking routes across Java Island, Indonesia.
- Published the research in Jurnal Sistemasi, an accredited SINTA 3 scientific journal.

Organizational Experience

ABP Startup Incubator

December 2025 – Present

Startup Incubation Participant

- Participated in a startup incubation program focused on digital product development.
- Conducted user needs validation and contributed to business model development.
- Contributed to the development of the SertiKu startup project.
- Collaborated in creating and developing technology-based digital solutions.

FOSSIL (Free Open Source Software Interest League)

June 2024 – March 2026

Human Interest Staff

- Participated in the development and growth of the open-source community.
- Supported internal communication and member engagement initiatives.
- Assisted in organizing the FOSSIL Cyber Security Seminar 2024.
- Collaborated in the implementation of various organizational activities and programs.

AMIKOM Computer Club

March 2024 – September 2024

Event Marketing Staff

- Served as a committee member for the CODE 2024 event.
- Assisted in coordinating activities and facilitating communication between divisions.
- Supported the promotion of organizational events and programs.
- Contributed to the organization and execution of information technology events.
- Collaborated with team members in implementing organizational work programs.

Certifications

- **JavaScript Programming Fundamentals** – Dicoding Indonesia
- **Back-End Fundamentals with JavaScript** – Dicoding Indonesia
- **Building Web Applications with React** – Dicoding Indonesia
- **Coding Camp Powered by DBS Foundation – Full Stack Developer Cohort**

Awards & Achievements

- 1st Place Winner, ARCADIA 2026 (Application & Information Systems Category) through the SertiKu project.
- Published a scientific article in Jurnal Sistemasi, an accredited SINTA 3 journal, in 2026.
- Selected as a Full Stack Developer Cohort Participant in the Coding Camp Powered by DBS Foundation program.
- Served as a Programming Language I Teaching Assistant at Universitas AMIKOM Yogyakarta.
- Served as a Programming Language II Teaching Assistant at Universitas AMIKOM Yogyakarta.
- Served as a Digital Business Teaching Assistant at Universitas AMIKOM Yogyakarta.

Skills

Hard Skills

Programming Languages

- JavaScript
- PHP
- Python
- Kotlin

Frontend Development

- React.js
- Next.js
- HTML5
- CSS3
- Tailwind CSS
- Laravel Blade
- Nest.js

Backend Development

- Laravel
- Express.js
- FastAPI
- RESTful API Development

Database Management

- PostgreSQL
- MySQL

Tools & Technologies

- Git
- GitHub
- RabbitMQ
- Postman

Software Development

- Full Stack Web Development
- API Integration
- Database Design
- Authentication & Authorization
- Responsive Web Design
- Progressive Web Application (PWA)

Soft Skills

- Teamwork
- Communication
- Problem Solving
- Critical Thinking
- Leadership
- Time Management
- Adaptability
- Collaboration
- Attention to Detail
- Public Speaking

Languages

- **Indonesian** — Native Proficiency
- **English** — Limited Working Proficiency