

# Vina Namira Andrina Andidi

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Graduate of D3 Information Systems specializing in backend development with Laravel, Express.js, as well as SQL and NoSQL databases. Experienced in designing and implementing RESTful APIs for various features, including integration with OpenAI API. Enthusiastic about applying technical expertise to build innovative and impactful web solutions.

## EDUCATION

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### Telkom University

Sept 2022 – July 2025

Diploma (D3) Information Systems | (GPA: 3.77/4.0)

- Relevant Coursework: Database Processing, Database Design, Web Programming, Web Based Application Development
- Take part in several competitions

### SMAIT Asy-Syukriyyah

July 2019 – May 2022

Social Studies

- Economics Olympiad Participant
- Introduction about HTML & CSS

## PROJECTS

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### KawalTani | Laravel, MySQL, OpenAI

May 2025 – July 2025

- Designing the backend architecture with 5 RESTful APIs and a database schema to support the AI Chatbot feature.
- Leveraged a fine-tuned OpenAI model, trained with a custom dataset of 230+ agricultural Q&A pairs, to ensure the chatbot provided highly accurate and contextual responses.
- Implemented a Natural Language Query feature, allowing users to retrieve and summarize historical sensor data by asking questions in plain language

### Hematrik.id | Express.js, MySQL, Cron-Job, MQTT

Feb 2025 – May 2025

- Developed backend system for real-time monitoring and remote control of smart office devices (lamp, AC, dispenser) using MQTT protocol.
- Implemented scheduled notifications using cron-job to alert users of unused devices after working hours.

### Alitnest | Express.js, MongoDB, OpenAI

Nov 2024 – Now

- Built RESTful APIs to process health surveys and personalized nutrition goals for users.
- Integrated OpenAI to generate dynamic nutrition advice based on food scans submitted by users.

## EXPERIENCE

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### Center of Excellence (CoE) Smart City, Telkom University

Bandung Regency, West Java

Junior Backend Developer

Aug 2024 – July 2025

- Designing and building backend architecture for two different applications using Laravel and Express.js.
- Implementing integration with external services and protocols

### Telkom University, School of Applied Science

Bandung Regency, West Java

Coordinator Assistant Practicum Computer Network Architecture

Mar 2024 – May 2024

- Assisted in conducting computer network architecture practical sessions, ensuring smooth operation and providing guidance to students.
- Developed student's practical skills in network device installation, configuration, and troubleshooting.

- Supported practical sessions for the Backend course, guiding students through lessons on PHP, Laravel framework, and MySQL databases to ensure effective learning and smooth session flow.
- Overcame teaching challenges by adapting instructional methods and providing additional support to students struggling with the material.

## SKILL

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|--------------|--------------|----------|
| - JavaScript | - Express.js | - Docker |
| - PHP        | - Node.js    |          |
| - MySQL      | - Laravel    |          |
| - OpenAI     | - Git        |          |