

# VINA NAMIRA ANDRINA ANDIDI

081293081514 | [vinanamiraa@gmail.com](mailto:vinanamiraa@gmail.com) | [linkedin.com/in/vinanamira](https://www.linkedin.com/in/vinanamira) | Jakarta, Indonesia

Portfolio: <https://portfolio-vinanamira.vercel.app/>

## SUMMARY

---

Backend Developer with hands-on experience building and maintaining web-based systems using Node.js, Express.js, Laravel, MySQL, and MongoDB. Experienced in developing REST APIs, integrating OpenAI API and MQTT-based workflows, and supporting real-world products through testing, debugging, and deployment. Currently interning at PT Telekomunikasi Indonesia (Pijar Indonesia) and available for full-time opportunities starting May 2026.

## EDUCATION

---

**Universitas Bina Nusantara Online** **Nov 2025 – Present**  
*Bachelor's Degree (S1) Extension in Computer Science*

**Telkom University** **Aug 2022 – Jul 2025**  
*Associate's Degree (D3) in Information Systems* *(GPA: 3.77/4.00)*

## PROJECTS

---

### KawalTani Chatbot | Laravel, MySQL, OpenAI

- Developed an OpenAI-powered chatbot for an IoT-based agricultural monitoring system used by **3 BPP extension officers** to query farming insights, dashboard metrics, and historical monitoring data.
- Built and documented **5 REST API endpoints** for chat creation, retrieval, deletion, and title updates.
- Implemented **backend text-mining logic** to detect date references in user queries and retrieve relevant monitoring records directly from the database.
- Prepared **230 agriculture-specific Q&A datasets** to improve chatbot response relevance and integrated the feature into a **web-based system used by real users**, with response times of around **3–5 seconds** depending on query complexity.

### Hematrik | Node.js, MySQL

- Built and documented **8 REST API endpoints** for an IoT-based energy monitoring system that monitored and controlled **3 devices: AC, lights, and dispenser**.
- Integrated services with **MQTT topics** to process real-time device data and identify devices using internal and MQTT device codes.
- Implemented a **cron-job notification feature** that sent alerts at **5 PM** for device activity outside working hours, and supported deployment for real-world usage in a lecturer room at **Universitas Mandiri Subang**.

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

- Built and documented **10+ REST API endpoints** for a healthy lifestyle prototype app featuring AI-based food scanning, workout schedules, health articles, and nutrition consultations.
- Integrated the **OpenAI API** into **Nutriwise**, a food-scanning feature, without using custom training datasets.
- Implemented **CI/CD with GitHub Actions** to automate deployment to a **VPS** for internal mobile APK testing.

## EXPERIENCE

---

**PT. Telekomunikasi Indonesia – Pijar Indonesia, Jakarta** **Nov 2025 – Present**  
*Backend Developer Intern*

- Contributed to the development of **Pijar's web products** by working on **5+ backlog items and feature updates**.
- Built and modified **RESTful APIs** using **Node.js** and **MongoDB** within a **microservices-based architecture**, working in a local development environment that also used **Redis** and **Kafka**.
- Worked in a **Scrum/Agile** team using **Taiga** for backlog tracking and **GitLab** for version control.
- Performed **unit testing**, fixed issues based on **QA test cases**, and **collaborated** with QA and Frontend developers during implementation.

**Center of Excellence (CoE) Smart City, Telkom University** **Jul 2024 – Jul 2025**  
*Junior Backend Developer Intern*

- Built and maintained backend services for **KawalTani Chatbot** and **Hematrik**, two web-based systems developed using **Laravel** and **Node.js**.
- Developed and documented REST APIs, integrated **OpenAI API** and **MQTT communication**, and implemented features including chatbot interactions, real-time monitoring, and scheduled notifications.
- Owned end-to-end backend development activities across both projects, including debugging, API testing, technical documentation, user testing, and deployment support.

*Teaching Assistant of Web Programming*

- Supported **2 practicum classes** in the **Diploma of Information Systems** program by teaching web programming through direct coding demonstrations and guided practice.
- Taught students **native PHP** across multiple practicum sessions and introduced **basic Laravel** concepts for foundational backend development.
- Guided students in using **MySQL on localhost via XAMPP** for database setup and web application integration.

**ORGANIZATIONAL EXPERIENCE**

---

**Chevalier Lab SAS – Research and Development**

Sep 2023 – Sep 2024

- Led the “**Open Mind**” event as **Head of Event**, attracting **190+ Study Group registrants**.
- Coordinated **lab events, workshops, and internal technical programs** with the R&D team, supporting execution from planning to implementation.
- Managed **documentation and internal coordination** for innovation-focused activities to help ensure structured execution and team alignment.

**ACHIEVEMENTS**

---

- **1st Place in Mobile Programming Competition** – CR YOUTH 2024, Telkom University
- **2nd Place UI/UX on National Level** – Vocational of Champions 2024, Universitas Sebelas Maret (UNS)

**CERTIFICATIONS**

---

- **JavaScript Programming Basics** – Dicoding Indonesia Aug 2024 – Aug 2027
- **Cloud Practitioner Essentials (AWS Fundamentals)** – Dicoding Indonesia Aug 2024 – Aug 2027

**SKILLS**

---

**HARD SKILL:** Node.js, Express.js, Laravel, PHP, RESTful API, MySQL, MongoDB, Redis, Kafka, OpenAI API, MQTT, Microservices, Git, GitLab, GitHub Actions, Postman, Unit Testing, CI/CD, VPS Deployment

**SOFT SKILL:** Problem Solving, Debugging, Communication, Team Collaboration, Adaptability, Time Management, Ownership, Mentoring

**LANGUAGE:** Indonesian, English