

# I NYOMAN KARMA DHARMA NALENDRA WARDANA

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Fullstack engineer with a backend focus, building REST APIs, data models, payment integrations, and business workflows with Node.js/ Express, TypeScript, and Python (Odoo). Most recently shipped a payment gateway integration with automated webhook processing, built test first using TDD. Experienced in approval workflows, role based access control, IoT data integration, and ML-powered features. Comfortable owning a module end to end (API, data, UI, and tests) and delivering for business and institutional clients in Agile teams.

## Experiences

**PT Kemas Surya Teknovasi (Flexypack)** - **Yogyakarta** Dec 2025 - Sekarang

*Node.js / JavaScript Fullstack Developer | Odoo Developer*

Flexypack is an innovative packaging manufacturer providing high-quality packaging solutions to support brand growth.

- Built an end-to-end payment integration with the iPay payment gateway: payment creation, transaction status handling, and order reconciliation on the backend.
- Designed an automated webhook flow that updates payment and order status in real time, removing manual payment confirmation and shortening the order-to-production process.
- Developed the payment module test first (TDD), covering webhook handling, status transitions, and failure cases with unit and integration tests.

**Sieben Technology** - **Jakarta (Remote)** Jul 2025 - Nov 2025

*Software Engineer*

A technology driven company delivering innovative solutions to solve business challenges and drive growth.

- Developed backend and frontend features within a microservices based architecture.
- Delivered production features with cross functional teams in a remote Waterfall environment.
- Enhanced backend and frontend functionalities within a microservices based architecture, contributing to system efficiency and scalability
- Successfully upgraded React Native applications from version 0.63 to 0.79, effectively resolving legacy dependency issues and enhancing runtime performance by approximately 15%

**PT Aksamedia Mulia Digital** - **Surabaya (Remote)** Feb 2025 - Jun 2025

*Front End Developer Intern*

Website and Mobile Application Creation Services, with Experience of Hundreds of Clients and Projects for 12 Years of Work

- Translated Figma designs into responsive React interfaces with smooth animations, improving user interaction time by approximately 15%.
- Integrated RESTful APIs to deliver real-time data updates across multiple pages.
- Collaborated closely with backend developers to optimize API usage, reducing page load time by approximately 25%.

**PT WIDYA MATADOR INOVASI** - **Yogyakarta (Remote)** Feb 2025 - Apr 2025

*Fullstack Developer Intern*

Widya Matador is a technology company that develops internet of things (IoT) based products and services to provide solutions for business and everyday life.

- Built modular and reusable React components in TypeScript, improving code maintainability and reducing UI-related defects by approximately 20%.
- Contributed to backend API development and documentation for IoT-based solutions.
- Ensured reliable frontend–backend communication to support stable device data exchange.

**Regional Police** - **Reskrimsus Polda DIY** Dec 2023 - Feb 2024

*Reskrimsus (Reserse Kriminal Khusus)*

- Developed an internal criminal case tracking web application, reducing data retrieval time by approximately 40%.
- Built real-time dashboards for crime analytics and reporting to support operational decision-making.
- Trained police officers on system usage, ensuring smooth adoption and effective daily use.

**PT Kinema Systrans Multimedia** - **Batam** Sep 2024 - Dec 2024

*Web Development Certified Internship (Ministry of Education and Culture)*

As a Fullstack Web Developer Intern at Infinite Learning, I contributed to the development of a summarization web application powered by machine learning. My responsibilities included

- Developed a text summarization web application with machine learning integration using Node.js, Express, and MongoDB.
- Designed responsive user interfaces using React and Tailwind CSS, improving accessibility and usability.
- Implemented secure authentication with role-based access control.

- Collaborated with a small development team to ensure stable deployment and production readiness.

**PT Kinema Systrans Multimedia** - **Batam** Aug 2023 - Dec 2023

*Certified Independent Study Web Development (Ministry of Education and Culture)*

- Delivered multiple fullstack projects using React, Angular, Node.js, and both SQL and NoSQL databases.
- Led Git-based version control for a 4-member Agile team, improving collaboration and code integration.
- Conducted code reviews, sprint demos, and performance optimizations.
- Collaborated with a 3-member team to integrate ML-based APIs, achieving 98% deployment uptime.

## Studied

**Amikom University Yogyakarta** - **Yogyakarta, Sleman** Sep 2021 - Jun 2025

*Bachelor of Computer Science, 3.83/4.00*

- 1st Place – Ignation Software Development Competition (2023)
- Led a team to develop an innovative fullstack web application solving monitoring of child development is hampered using React and Node.js.
- Delivered a live demo to judges; awarded for UX quality and technical execution.

## Organizational Experience

**Programming Algorithm (C++)** Jan 2022 - Jul 2022

*Assistent Lab*

- Assisted in designing and delivering programming lab sessions for over 50 students.
- Helped students debug C++ algorithms during practice sessions, improving understanding and completion rates.
- Contributed to updating lab materials and grading assignments consistently with academic standards.

## Certifications & Technical Skill

- **First Place in Software Development Competition** (2024)
- **Junior Web Developer Certification – Kominfo** (2023)
- **Node.js Expert – Udemy** (2024)
- **React 18 Complete Guide – Udemy** (2023)
- **Cloud Practitioner Essentials – Dicoding** (2023)
- **Front End**: Frontend: React, Next.js, Redux, Vue.js, HTML5, CSS3 (Tailwind, Bootstrap)
- **BackEnd**: Backend: Node.js, Express.js, PHP (Laravel)
- **Database**: Databases: MongoDB, MySQL, PostgreSQL
- **Tools**: Git, Docker, Postman, Prisma, Mongoose
- **Concepts**: REST APIs, MVC, OOP, Clean Architecture, Agile