

Esto Triramdani Nurlustiawan

PROFILE

Fullstack Developer with 4 years of professional experience in developing scalable manufacturing and edtech applications. Proficient in the modern JavaScript ecosystem with extensive experience in TypeScript, React/Next.js, and backend integration. Highly adaptable learner with an expert-level ability to maximize development velocity and code quality using AI-driven workflows (Spec Driven Development, MCP, 9router). Committed to refactoring legacy code and implementing high-performance frontend architectures.

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GitHub: <https://github.com/estotriramdani>

EXPERIENCES

PT Amerta Indah Otsuka

IT Apps Development Sr. Staff | Sukabumi, West Java | Jan 2022 – Present

PT Amerta Indah Otsuka is a FMCG-manufacturing company. The well-known products are Pocari Sweat, Soyjoy, etc.

- Engineered scalable full-stack solutions using Node.js, Express.js, Nest.js, and React/Next.js to digitize critical energy data (electricity, fuel, water, natural gas), successfully resolving data opacity and optimizing manufacturing efficiency. Also integrate to company's ERP through Business Application Programming Interface (BAPI)
- Spearheaded the technical architecture and lifecycle of the Energy Management System, a high-impact initiative that secured the Diamond Tier Award at TKMPN XXVI and contributed directly to the company's National Lighthouse Industry 4.0 award.
- Mentoring the web developer internship program (2 cohorts/year) by designing a strategic syllabus and enforcing strict engineering standards (clean code, documentation) to mitigate technical debt and ensure seamless knowledge transfer despite high turnovers.
- Tech Stack: Node.js, TypeScript, PHP, Nest.js, React, Next.js, Laravel, MySQL, MongoDB, Jest, Cypress.

Benih Belajar

Fullstack Engineer | Remote part-time | Nov 2021 – Feb 2024

BenihBelajar.id is an early-stage education tech (edtech) startup that focuses on developing *passion classes*.

- Collaborated cross-functionally with the UI/UX team in an early-stage edtech startup environment to architect and build the Benih Belajar web application from the ground up.
- Translated complex design mockups into robust, type-safe code utilizing Next.js, React, and TypeScript, leveraging Tailwind CSS to deliver a highly responsive and visually precise user interface.
- Engineered the backend infrastructure using Express.js, MySQL, and Sequelize, and independently managed the application's deployment using AWS Cloud ecosystems.
- Tech Stack: React, Next.js, TypeScript, Context API, Tailwind CSS, Express.js, MySQL, Sequelize, NGINX.

Skilvul (Kampus Merdeka)

Fullstack Web Development Mentor | Remote | Sep 2023 – Dec 2023

- Facilitated bi-weekly live and asynchronous mentoring sessions, guiding mentees through comprehensive full-stack JavaScript curricula (Node.js, React, databases).
- Evaluated mentee projects and assignments, providing code reviews and technical feedback to ensure practical mastery of web development concepts
- Tech Stack: Node.js, React, MongoDB, MySQL, Tailwind CSS.

Generasi GIGIH 2.0 (YABB & GoTo)

Frontend Engineering Mentor | Remote | May 2022 – July 2022

- Served as a technical panelist for the Frontend Engineering Capstone Showcase, evaluating final projects based on code quality, feature implementation, and adherence to industry best practices.
 - Mentored participants in the Kampus Merdeka program, providing strategic guidance on tech stack selection and conducting rigorous code reviews to improve implementation of React, Redux, and TypeScript.
 - Fostered engineering independence by teaching advanced debugging techniques and effective technical research strategies (e.g., maximizing search engine efficacy for error resolution).
 - Tech Stack: React, Redux, TypeScript, Bootstrap CSS
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PUBLISHED PROJECTS

IPB Online Job Fair Website <https://jobfair.ipb.ac.id>

September 2022

- Role: Full-stack Developer
- Tech stacks: React, React Context API, TypeScript, Tailwind CSS

Entrepreneurship Hub <https://entrehub.ipb.ac.id>

December 2023

- Role: Full-stack Developer
- Tech stacks: Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, Docker

Ewan Jaya Kastara Websites

- EJ Medical (company profile, landing page) <https://ewanjaya.com>
- EJ Books (web app) <https://books.ewanjaya.com>

February 2026 – March 2026

- Role: Full-stack Developer
 - Tech stacks: Next.js, TypeScript, Tailwind CSS, MySQL, Native PHP
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SKILLS

- **Languages & Frameworks:** JavaScript, TypeScript, Node.js, PHP (Laravel, CodeIgniter), React.js, Next.js, React Native, Redux Toolkit, Tailwind CSS.
 - **Frontend & UI/UX:** Responsive Web Development, Component Design, Tailwind CSS, Performance Optimization.
 - **Backend & Database:** Nest.js, Sequelize ORM, MySQL, MongoDB, WebSocket (Socket.io).
 - **Infrastructure & Emerging Tech:** AWS Infrastructure, Generative AI, RAG implementations, Spec Driven Development, MCP (Model Context Protocol), 9router, AI-assisted debugging & rapid prototyping.
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EDUCATIONS

BINUS University | 2022 – 2024 Bachelor Degree (S1) - Information Systems Extension Class (GPA 3.77/4.00)

Thesis, *"Web-Based Intelligent Technology for Diagnosing Rice Plant Diseases to Enhance Food Security in South Kalimantan."*

IPB University | 2018 – 2021 Associate Degree (D3) - Computer Engineering (GPA 3.60/4.00)

Final Project, *"Development of a Web-Based Network Infrastructure for Poverty Data Collection Services at the Langonsari Village Office, Bandung Regency."*
