

AJI RIDWAN ALHABSYI

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Villa Bogor Indah 6 Cluster Fressia Blok F15 No. 7, Ds. Pasir Jambu, Kec. Sukaraja

Software Engineer with 10+ years of experience in full-stack web development, specializing in scalable systems for sustainable agriculture and supply chain traceability. Proficient in PHP (Laravel, CodeIgniter), JavaScript (jQuery, Nuxt.js, Ext.js), RESTful APIs, MySQL, and AWS. Strong in translating business requirements into reliable, user-focused digital solutions, improving system performance and ensuring system compliance.

Work Experiences

PT Millennium Pharmacon International, Tbk - Jakarta, Indonesia

Dec 2025 - Present

Programmer Senior Staff

- Developed and implemented a discount management feature using Express.js and Next.js, enabling dynamic discount configurations and improving pricing flexibility for internal sales operations.
- Designed and built RESTful APIs using NestJS to support salesman target and commission calculation, enabling structured tracking of performance metrics and incentive distribution.
- Contributed to backend service development by structuring scalable API modules and ensuring reliable data flow between frontend and backend systems.
- Explored and developed a Flutter-based helpdesk application prototype, aimed at improving internal support workflows and providing a mobile-friendly interface for issue tracking.
- Collaborated with team members to analyze business requirements, translate them into technical implementations, and ensure system functionality aligned with operational needs.

Koltiva - Jakarta, Indonesia

Mar 2022 - Nov 2025

Software Engineer

- Developed and improved core product features — including transactional modules, reporting dashboards, and mapping functionality — by integrating polygon and point data with Google Maps Platform to make supply-chain data more visual and actionable.
- Built Traceability Maps to visualize farm polygons and actor point locations (plot area, farmers, traders, warehouses), enabling end-to-end tracking and enhanced transparency across the supply chain.
- Developed summarize and detailed data by actors (plot area, farmers, traders and warehouse) on Traceability Maps.
- Developed transactional features and ensure data consistency from transactions, processing, sending to receiving.
- Integrated payment features from completed transactions into the client system using FTP access.
- Improved land use and forest-classification overlays (Forest Area IDN 2019: Protected, Conservation, Production, etc.) to support environmental risk analysis and EUDR compliance.
- Developed and maintained traceability features aligned with European Union Deforestation Regulation (EUDR) standards like Purchase Order, Sales Order, Goods Receipt and Bill of Material, ensuring data integrity and accountability.
- Integrated Amazon SNS for system logging and Amazon S3 for file uploads, improving scalability, reliability, and observability.
- Led daily SCRUM meetings and collaborated with cross-functional teams with 10+ people to ensure timely delivery and maintain high-quality development workflows.
- Proactively resolved task and bugs by tickets on Jira, optimized performance, and provided technical support to maintain platform stability and best user experience.

PT Anargya Aset Manajemen - Jakarta, Indonesia

Sep 2019 - Mar 2022

Head of Information Technology

- Designed and developed Online Mutual Fund System end-to-end — from requirements gathering, UI/UX design (Adobe XD), development, testing, to deployment — using CodeIgniter, HTML, CSS, JavaScript, MySQL, and SQL Server.
- Integrated S-Invest KSEI regulatory applications to ensure compliance with Indonesian financial industry regulations and secure investment processes.
- Developed internal applications from scratch based on stakeholder requirements using Laravel, CodeIgniter, and SQL databases to improve operational efficiency.
- Used Agile workflows (SCRUM & Kanban) for IT projects, including task planning, progress tracking, documentation, and stakeholder communication.
- Conducted system analysis and produced technical documentation (flowcharts, use cases, activity diagrams) using StarUML to support

maintainability and knowledge transfer.

- Managed project lifecycles including timeline planning, resource allocation, budgeting, and vendor coordination to ensure smooth delivery and business alignment.
- Oversee on-premise and cloud infrastructure, handle server provisioning, vendor selection, and IT system procurement.
- Provided technical support across the organization — including hardware, software, network setup, and onboarding for new hires — to maintain continuous business operations.

PT PNM Investment Management - Jakarta, Indonesia

Nov 2015 - Sep 2019

Information Technology Staff

- Developed and maintained internal web applications end-to-end using PHP, CodeIgniter, MySQL, SQL Server, HTML, CSS, and JavaScript to streamline business processes and improve operational efficiency.
- Managed and executed IT projects using the Waterfall methodology, including requirements gathering, system analysis, and design documentation (flowcharts, use cases, activity diagrams) with StarUML.
- Acted as Project Manager for online mutual fund products, coordinating cross-division requirements, managing vendor relationships, and ensuring regulatory compliance and on-time delivery.
- Integrated Dukcapil REST API for customer digital identity verification to improve data accuracy and speed in KYC processes.
- Implemented and integrated S-Invest KSEI regulatory systems to ensure compliance with Indonesia's financial industry regulations.
- Led vendor evaluation, selection, and procurement for information system solutions to support business initiatives.
- Administered transactional application databases, ensuring secure operations and proper documentation for long-term maintainability.
- Provided organization-wide IT support including hardware/software troubleshooting, network setup, and onboarding configuration for new employees.

Education

Politeknik Negeri Jakarta - Depok, Indonesia

Jun 2011 - Sep 2015

Bachelor of Applied Information Technology, 3.29/4.00

- Active member of PPS Betako Merpati Putih (Bogor Branch), Level Improvement Exam Division.
- Thesis: Developed a web-based decision support system using the Simple Additive Weighting (SAW) method, following the waterfall model and built with HTML, CSS, JavaScript, Bootstrap Template, CodeIgniter, and MySQL.

Organisational Experience

PPS Betako Merpati Putih Bogor Branch - Bogor, Indonesia

Jan 2014 - Dec 2018

Level Improvement Exam Division

- Developed and standardized the curriculum for belt promotion examinations to ensure consistent skill advancement across members.
- Coordinated and led the planning of cross-branch joint training sessions within the Bogor region to strengthen member engagement and training quality.
- Managed the scheduling and execution of periodic belt promotion examinations, ensuring smooth operational flow and readiness of all participants.

Skills, Achievements & Other Experience

- **Soft Skills** : Communication, Team coordination, Critical Thinking, Problem Solving, Adaptability & Flexibility, Attention to Detail, Creativity & Innovation, Continuous Learning
- **Hard Skills** : Laravel, CodeIgniter, Nuxt.js, Next.js, ReactJS, NestJS, Ext.js, MySQL, SQL Server, Agile / Scrum / Kanban, Git, AWS, Docker, API Development, Project Management, Jira
- **Webinars Attended** : Awareness of Quality Management System (TÜV Rheinland Group), Dari Bank Hybrid Menuju Bank Digital (Otoritas Jasa Keuangan)
- **Modules Taken** : PHP Laravel Framework (BrainmaticsID), UI/UX Design for Beginner (dibimbing.id)