Yayang Aditya Wijaya

Fullstack Web Developer │ 5+ Years Experience
Programmer @ PT. Lamjaya Global Solusi

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Summary

I have over 5 years of experience as a Fullstack Web Developer, with expertise in frontend and backend development. As someone who code a lot, I also learn a bit of DevOps things, like deploying an app to Ubuntu/CentOS/RedHat server.

I'm a perfectionist and passionate for UI/UX, making sure every pixel and interaction looks great but feel seamless for the end-user.

Skills

Frontend Development	:	Nuxt2, Nuxt3, Pinia, Bootstrap, Tailwind CSS, Element Plus, Vuetify, AlpineJS
Backend Development	:	Laravel, WebSocket
Database	:	PostgreSQL, MySQL

Projects

1. **PT Merdeka Copper Gold**

    Merdeka Contract Management — Lead Fullstack Programmer

    - Developed modules for transactions including Term of References, Tender, RFQ, Contract, Quotation Request, Vendor Registration, Vendor KPI Monitoring, Non-Conformance Report, and LoA/LoI/Regret Letter.
    - Built management modules for User, Company, Vendor Data, Kind of Contract, and Pre-required Documents.
    - Created overview dashboards for Tender, RFQ, and Contract modules.
    - Developed Trends Report, Performance Report, and Realization Report features.
    - Implemented data Import and Export features for Tender, RFQ, Contract, Vendor, and User in Excel or PDF formats.
    - Integrated with the JogetDX application to retrieve Term of References data, which is then processed into Tender, RFQ, or Contract.
    - Integrated with SMTP to send notifications.
    - Integrated with IMAP to receive approval reply emails, allowing end-users to approve without logging into the system.
    - Integrated with LDAP.
    - Deployed the system on a RedHat VPS server.

    Tech Stack: Laravel, Nuxt2, Vuetify, Tailwind, PostgreSQL

2. **PT Dharma Satya Nusantara**

    TAX BC 4.0 OCR System — Lead Fullstack Programmer

    - Developed a transaction monitoring module for Kaber (Kawasan Berikat) activities, which includes documents such as Shipment Nomination, BC 4.0, SPPB, SPPD, and Invoices.
    - Built management modules for User, Company, and Role.
    - Utilized OCR technology to read Kaber documents and identify the document type whether Shipment Nomination, BC 4.0, SPPB, or SPPD.
    - Created RegEx patterns to extract relevant text from documents into structured, processable data.
    - Developed reports showing quantity and transaction value of transaction per customer and per company, visualized using Pie Charts and Line Charts.
    - Integrated with SMTP for notification delivery.
    - Integrated with SAP for Kaber transaction modules.
    - Integrated with LDAP.
    - Deployed the system on an Ubuntu VPS server.
    - Implemented Redis for cache storage.

    Tech Stack: Laravel, Nuxt2, ElementUI, Tailwind, PostgreSQL, Redis

3. **PT Dharma Satya Nusantara**

    IT Portal & Helpdesk — Lead Fullstack Programmer

    - Developed transaction modules for Ticketing, Change Request Application, and Change Request Infrastructure.
    - Built management modules for User, Company, Department, Vendor, LDAP, Location, Application, and Infrastructure.
    - Implemented mapping of Person in Charge and Approvers for each Application and Infrastructure.
    - Created Overview Reports for the Ticketing, Change Request Application, and Change Request Infrastructure modules.
    - Developed Performance Reports to evaluate the performance of each Person in Charge.
    - Built a user satisfaction rating system to assess the handling quality of the Person in Charge within the Ticketing module.
    - Integrated with DSN Email API to send notifications.
    - Integrated with LDAP.
    - Deployed the system using Docker containers.

    Tech Stack: Laravel, Nuxt3, Pinia, ElementPlus, Tailwind, PostgreSQL

4. **PT Dharma Satya Nusantara**

    User Access Management — Lead Fullstack Programmer

    This application is an advanced development of the IT Portal & Helpdesk system, designed to further streamline access management for Applications, Infrastructure, and Email services.

    - Developed transaction modules for Access Request and IT Device Request.
    - Built an IT Device Management module containing device data such as Laptops, Mobiles, and Tablets, enabling end-users to view current and previous users of each device.
    - Created a Privilege Access Management module to map roles such as HC (Human Capital), IT Admin, and IT Reviewer for the Access Request process.
    - Developed a Board of Directors Management module to define company directors and assign secretaries as approval representatives.
    - Built an HC Mapping Management module to define access rights for Access Request submissions.
    - Created an HC Device Mapping Management module to determine responsible parties from Human Capital, IT Infrastructure, and Asset Management for IT Device Requests.
    - Developed IT Device usage and request reports.
    - Integrated with SAP for the Application module.
    - Developed a micro-program (.dat file) to bridge SAP with Windows-based systems.

    Tech Stack: Laravel, Nuxt3, Pinia, ElementPlus, Tailwind, PostgreSQL

5. **PT Asuransi Tugu Pratama Indonesia** tugu

Compliance Regulatory System — Team Fullstack Programmer

- Developed management modules for the Suspected Terrorists and Terrorist Organizations List (DTTOT) and AML News.
- Utilized OCR technology in the DTTOT and AML News modules to extract content from documents uploaded by end-users.
- Created RegEx patterns to extract necessary text from documents and convert it into structured, processable data.
- Integrated with Refinitiv (now LSEG Data & Analytics) for customer risk monitoring.
- Optimized UI/UX for a more efficient and user-friendly experience.

Tech Stack: Laravel, Nuxt2, ElementUI, Bootstrap, Tailwind, PostgreSQL

6. **GMAHK Klender**

Church Management Information System — Lead Fullstack Programmer

- Developed transaction modules for Prayer Schedule, Sermons, Sunday Service, Wednesday Night Service, Bible Study Events, and Other Church Activities.
- Built management modules for User, Church, and Member data.
- Implemented WhatsApp integration using the Baileys API.
- Created automated reminders for transactions via WhatsApp API.
- Developed birthday notifications for church members using WhatsApp API.
- Designed custom WhatsApp message templates (redaction) tailored to each type of notification.

Tech Stack: Laravel, Nuxt2, ElementUI, Tailwind, PostgreSQL

7. **Explorein**

Explorein E-Commerce — Lead Fullstack Programmer

- Enhanced UI/UX to improve usability and user experience.
- Developed management modules for User, Product, Customer, and Address.
- Integrated with Midtrans as the Payment Gateway.
- Integrated with SMTP to send notifications to customers.
- Integrated with AOS (Animate On Scroll) for element animations.
- Deployed the application to an Ubuntu VPS server.

Tech Stack: Laravel, Nuxt3, Element+, Tailwind, PostgreSQL

8. **Explorein**

Explorein Cargo Landing Page — Lead Fullstack Programmer

- Improved and refined the UI/UX for a better user experience.
- Developed management modules for User, Country, Pricing, Article, and News.
- Implemented data import functionality for the Country and Pricing modules.
- Deployed the application to a web hosting environment.

Tech Stack: Laravel, AlpineJS, Tailwind, PostgreSQL

9. **PT Arsy Raya Services**

Insurance System — Lead Fullstack Programmer

- Developed a responsive landing page to introduce and promote the platform.
- Built transaction modules for Quotation Request, Insurance, Certificate, and Bank Payment Vouchers.
- Developed management modules for User, Customer, Policy, and Quotation Slip.
- Implemented an online chat feature using WebSocket for real-time communication.
- Deployed the application to a web hosting environment.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

10. **Pemerintah Kabupaten Bandung**

Bandung Regency Company Mapping System — Lead Fullstack Programmer

- Improved and optimized the UI/UX for a more intuitive user experience.
- Developed a landing page to present the platform and its offerings.
- Built a transaction module for tracking investments per company.
- Developed management modules for User, District (Kecamatan), Company, and Investment data.
- Created Investment Reports for monitoring and analysis.
- Integrated Google Maps API to display company location pins on the map.
- Deployed the application to a web hosting environment.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

11. **PT Kanaya Abadi Sejahtera**

Online COVID19 Test — Lead Fullstack Programmer

- Developed a landing page to showcase the online COVID-19 test booking service.
- Built a transaction module for online COVID-19 test bookings.
- Created management modules for User, Customer, and Pricing.
- Integrated with Midtrans as the Payment Gateway.
- Integrated with SMTP to send notification emails.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

12. PT Private Guard

HRIS and Recruitment — Lead Fullstack Programmer

- Developed transaction modules for Attendance, Attendance Permission, Payroll, and Recruitment.
- Built management modules for User, Payroll, and Recruitment Applications.
- Created a recruitment landing page to support online job applications.
- Implemented selfie-based attendance confirmation by extracting metadata from uploaded photos, including device type, date & time, and GPS coordinates.
- Developed an attendance dashboard for real-time monitoring and analytics.
- Integrated with SMTP to send notifications.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

13. Bojana Tirta Islamic School

Online Raport System — Lead Fullstack Programmer

- Developed transaction modules for Attendance, Assignments, Quizzes, and Exams.
- Built management modules for User, Teacher, Teacher Signature, Student, Class, Subject, Assignment, Quiz, and Exam.
- Implemented a grading feature that allows teachers to input scores for assignments, quizzes, and exams.
- Developed a report card export feature in PDF format.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

14. PT Sembilan Daya Manunggal

HRIS — Lead Fullstack Programmer

- Developed transaction modules for Attendance, Attendance Permission, and Payroll.
- Built management modules for User and Payroll.
- Created a recruitment landing page to support candidate applications.
- Implemented selfie-based attendance confirmation by extracting metadata from uploaded photos, including device type, date & time, and GPS coordinates.
- Developed an attendance dashboard for real-time tracking and analysis.
- Integrated with SMTP to send notifications.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

15. UIN Syarif Hidayatullah

Online Petition System —Lead Fullstack Programmer

- Developed transaction modules for Petitions and Supporters.
- Built management modules for User, Petition, and Supporter data.
- Developed a landing page to promote and access petitions.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL

16. PT Raja Adhipramana Semesta

Online Loan System — Lead Fullstack Programmer

- Developed a loan request transaction module.
- Built management modules for User, Employee, Company, Region, and Loan Limit.
- Implemented an activity log feature to track system actions.
- Designed a loan submission process requiring employees to upload a selfie holding their ID card (KTP).
- Utilized employee selfies to extract photo metadata such as device type, date & time, and GPS location.
- Integrated with SMTP to send notifications.

Tech Stack: Laravel, Blade, Bootstrap, jQuery, MySQL