

AHMAD ANDIKA KHOIRUL AMIN

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PERSONAL PROFILE

Informatics Engineering student and Backend-focused Developer with over 5 years of experience in building REST APIs, payment gateway integrations, database-driven applications, and scalable backend systems. Proficient in PHP, Laravel, Node.js, MySQL, PostgreSQL, and backend architecture patterns such as MVC, modular design, and clean architecture. Experienced in developing production-ready systems for payment platforms, ticketing systems, WhatsApp gateways, POS, and e-commerce applications. Strong in problem-solving, system optimization, API security, and delivering reliable backend solutions that support business operations.

SKILLS

Hard Skills

- Backend Development: PHP, Laravel, Livewire, CodeIgniter, Node.js, Express.js, NestJS, AdonisJS, Prisma, Golang
- API Development & Security: REST API, WebSocket, JWT Authentication, API Integration, Payment Gateway Integration
- Database Management: MySQL, PostgreSQL, MongoDB, Query Optimization, Database Design
- System Architecture & Design Patterns: MVC, Modular Architecture, Clean Architecture, Scalable Backend Design
- Testing & Optimization: Unit Testing, Debugging, Bug Fixing, Performance Optimization, Caching
- Frontend Development: HTML5, CSS3, Bootstrap, TailwindCSS, JavaScript ES6+, jQuery, React.js, Vue.js, Alpine.js
- DevOps & Deployment: Linux Server, VPS, Nginx, Apache, Docker, CI/CD, GitHub Actions, SSL
- Tools & Workflow: Git, GitHub/GitLab

Soft Skills

- Problem Solving and Analytical Thinking
- Communication and Cross-functional Collaboration
- Project Management and Task Prioritization
- Leadership and Team Coordination
- Adaptability and Continuous Learning Mindset

WORK EXPERIENCE

PT Vipayment Digital Solution - West Jakarta, Indonesia

Full Stack Developer (Part-time)

Sep 2022 – Oct 2025

Tech Stack: PHP, Laravel, MySQL, Node.js, Express.js, REST API, H2H API, Payment Gateway

- Improved transaction reliability by designing and maintaining backend services and H2H APIs for the VIPayment platform, supporting 50,000+ daily transactions with 99.9% uptime.
- Integrated multiple payment gateway providers to enable secure and automated digital transactions across the platform.
- Reduced system latency by optimizing database queries, API responses, and backend workflows for high-volume transaction processing.

Saytix.id - Semarang, Central Java, Indonesia

Full Stack Developer – Backend Focused (Contract/Project-based)

Apr 2025 – Sep 2025

Tech Stack: Laravel, MySQL, REST API, Payment Gateway, Ticketing System Multi-vendor

- Built core backend architecture and RESTful APIs for an online concert and festival ticketing platform, enabling scalable event, ticket, and transaction management.
- Designed database structures and organizer dashboards to support event organizers, vendors, ticket categories, and transaction monitoring.
- Improved ticket purchasing flow by optimizing backend payment processes, order validation, and transaction status handling.

IDEVCORNER - Semarang, Central Java, Indonesia

Part-Time Full Stack Web Developer (Part-time)

Aug 2022 – Oct 2023

Tech Stack: Laravel, Livewire, Alpine.js, MySQL.

- Developed membership, subscription, and referral modules for a cryptocurrency analytics platform using Laravel, Livewire, Alpine.js, and MySQL.
- Integrated and consumed internal APIs provided by the core engineering team to display crypto market data and support user-facing analytics features.
- Improved application performance by 40% through caching, lazy loading, query optimization, and efficient code structuring.

PT Bigmedia Yoke Group – Bandung, East Java, Indonesia

Full Stack Developer (Part-time)

Jan 2023 – Jun 2023

Tech Stack: PHP, MySQL, JavaScript, Backend & Frontend Optimization

- Developed and optimized the company's main website by improving backend functionality, frontend components, and database queries.
- Collaborated with cross-functional teams to align web development output with business and operational requirements.

Afindo Informatika - Jombang, East Java, Indonesia

Web Developer (Full-time)

Aug 2021 – Apr 2022

Tech Stack: CodeIgniter, Laravel, Node.js, MySQL, WhatsApp Gateway, Web Security

- Built and launched Pakaiwa.com, a WhatsApp Gateway platform for automated business and notification messaging in Jombang.
- Improved web application security by conducting audits and fixing vulnerabilities on government and business web applications.
- Developed scalable web applications using Node.js, CodeIgniter, Laravel, and MySQL for business clients..

PT Xai Syndicate Internasional - Bandung, West Java, Indonesia

Back End Developer (Part-time)

Jun 2021 – Aug 2021

Tech Stack: Laravel, Python, MySQL, REST API, Backend Automation

- Developed backend features and REST API services using Laravel to support application data flow and business processes.
- Built Python-based scripts and backend automation tools to assist data processing and improve operational efficiency.
- Optimized backend logic and database queries to improve application performance and maintain reliable system integration.

Freelance - Backend-Focused Full Stack Web Developer

Freelance Full Stack Web Developer (Part-time & Remote)

Dec 2018 – Mar 2021

Tech Stack: PHP, Laravel, JavaScript, MySQL, REST API, Payment Gateway, Hosting, Deployment

- Delivered custom web applications and backend systems for various clients, including e-commerce, service platforms, company profiles, and transaction-based systems.
- Built REST API integrations, payment gateway workflows, and automated business processes to support client operations.
- Managed deployment, hosting, maintenance, bug fixing, and performance optimization to ensure long-term application stability.

CV Argia Teknologi Nusantara - Blitar, East Java, Indonesia

Website Developer (Internship)

Aug 2018 – Oct 2018

Tech Stack: Wordpress, PHP, MySQL, HTML, CSS, JavaScript

- Supported frontend and backend development of company web systems using PHP and MySQL.
- Assisted in testing, maintenance, and responsive interface improvements to ensure website stability.

EDUCATION

Universitas Darul 'Ulum Jombang

Informatics Engineering

SEPT 2022 – Present

- Focused on software development, database systems, programming logic, and web application development.

CERTIFICATION AND TRAINING

- **Dicoding** — Strengthened backend and frontend development skills through structured projects focused on API integration, database management, and scalable web architecture.
- **Santrikoding** — Gained practical experience in Laravel, Livewire, and Alpine.js, mastering modern PHP frameworks for efficient full-stack development.
- **SMKDEV** — Learned real-world software engineering practices including version control (Git), code review, and collaborative development workflows.
- **Udemy** — Expanded technical knowledge in JavaScript, Node.js, and RESTful API design through hands-on coding and project-based learning.
- **SoloLearn** — Built a strong foundation in programming fundamentals including HTML, CSS, JavaScript, and Python.
- **HackerRank** — Enhanced problem-solving and algorithmic thinking skills through coding challenges and competitive programming exercises.

PROJECTS

Saytix.id – Concert Ticketing Platform | Backend Developer

- Engineered a high-performance ticketing system handling thousands of concurrent users and secure real-time payments.
- Built scalable backend architecture with data encryption and load balancing for system stability.
- Implemented Role-Based Access Control (RBAC) and multi-vendor management to streamline event operations.

Online Game Top-Up Platforms | Full Stack Developer

- Developed 10+ automated game top-up websites serving local and international users.
- Integrated APIs from multiple global suppliers and enabled 24/7 real-time transaction processing.
- Achieved 99.8% uptime by optimizing system performance and enhancing API fault tolerance.

Point of Sale System | Full Stack Developer

- Designed a POS system with real-time product, stock, and price management.
- Integrated barcode scanners and receipt printers for seamless operations.
- Developed automated daily, weekly, and monthly sales reporting.

Tuition Payment Website – Kindergarten, Elementary, and Primary School | Full Stack Developer

- Created a web-based tuition payment platform for parents to pay online easily.
- Implemented automated billing based on education level and current month.
- Built an admin dashboard to monitor payment status, generate reports, and manage student data.

Company Profile Website | Full Stack Developer

- Designed a professional, SEO-optimized website to boost brand visibility and lead generation.
- Integrated multilingual support and automated contact forms linked to company email.
- Improved visitor engagement through responsive layouts and fast-loading interfaces.

Notifay – WhatsApp Notification Gateway | Full Stack Developer

- Developed a WhatsApp-based notification platform serving 100+ active business clients.
- Implemented encrypted message delivery with token-based authentication and status tracking.
- Reduced notification costs by 40% using an internal open-source integration framework.

Automation Bot Scraping | Full Stack Developer

- Created automation bots for data scraping and transaction processing across multiple online platforms.
- Integrated supplier APIs for dynamic product and pricing updates.
- Improved system efficiency through asynchronous data handling and error recovery mechanisms.

Spa Booking & Employee Attendance System | Full Stack Developer

- Developed an integrated online booking and attendance platform for spa and wellness centers.

- Automated therapist scheduling, queue management, and booking confirmations via WhatsApp/SMS.
- Increased booking efficiency and customer retention with seamless online reservation flow.

E-Commerce Website | Full Stack Developer

- Designed a complete e-commerce platform with product management, cart, and checkout modules.
- Integrated secure payments through bank transfers and e-wallets for customer flexibility.
- Built a responsive admin dashboard to monitor orders, inventory, and sales reports.

Car Rental & Sales System | Full Stack Developer

- Created a car rental and sales platform supporting real-time booking and purchase options.
- Integrated automated payment systems for down payments and full settlements.
- Improved customer experience through instant booking confirmations via WhatsApp and email.