

# ABDULLAH HAFIZH

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## PROFESSIONAL SUMMARY

Versatile software developer with 7+ years of expertise spanning back-end systems, API integrations, and continuous improvement. Proficient in multiple programming languages and frameworks, with experience implementing scalable, reliable solutions for product teams. Demonstrated record of excellence in financial services, transportation, and retail sectors. Applied problem-solving skills to optimize server performance, engineer efficient databases, and architect scalable web applications. Delivered measurable outcomes while adapting to evolving requirements using Agile methodologies. Utilized advanced analytical skills to identify complex issues and communicate solutions effectively. Strong ability to collaborate across departments and write technical documentation to align solutions with user requirements.

## TECHNICAL SKILLS

- **Programming Languages:** PHP, JavaScript, TypeScript, Go, Python, C++, NodeJS, Golang, BASIC
- **Web Development:** HTML5, CSS3, JavaScript, AJAX, ReactJS, Redux, REST APIs
- **Frameworks & Libraries:** Laravel, CodeIgniter, Lumen, Node.js, Vue, React, jQuery, Nuxt, Socket.IO
- **Frontend Technologies:** HTML5, CSS3, JavaScript, Responsive Design, Front-end Optimization
- **Back-end Development:** API Development, RESTful Architecture, Microservices, Web Application Architecture
- **Databases & Data:** MySQL, PostgreSQL, Redis, SQL Query Optimization, Non-Relational Databases, Data Modeling
- **Cloud & Infrastructure:** AWS/Azure, Cloud Deployment, Serverless Architecture, Kubernetes, Apache, RabbitMQ
- **DevOps & Tools:** Docker Containerization, Nginx, Git, GitHub, GitLab, Bitbucket, Version Control, Continuous Integration
- **Search & Logging:** Elasticsearch, Logstash, Kibana (ELK Stack)
- **Testing & QA:** Unit Testing, Integration Testing, Automated Testing, Performance Testing, QA Methodologies
- **Security:** OWASP Security Practices, API Authentication/Authorization, Clean Code Security Practices, Penetration Testing

- **Software Development:** Object-Oriented Programming (OOP), Functional Programming, Design Patterns, Problem Solving, Agile Software Development, Scrum, Software Development Lifecycle (SDLC)
- **Additional Skills:** Information Technology, B2B Solutions, SaaS Applications, Technical Writing, UML Modeling, Product Development, Scalability, Reliability, Innovative Approaches, Experimental Development
- **Languages:** Bahasa Indonesia (C2 - Native), English (B1 - Intermediate)

## PROFESSIONAL EXPERIENCE

### CONTINUOUS IMPROVEMENT ENGINEER

**PT Multidaya Dinamika** | 01/2025 - Present

- Leading optimization initiatives for production systems, improving performance by 35% and reducing downtime by 40%.
- Analyzing application systems to identify and resolve bottlenecks and technical debt using problem-solving skills.
- Managing software development and production processes across multiple teams using Agile methodologies and Scrum frameworks.
- Executed continuous improvement strategies that enhanced software reliability for 12+ enterprises.
- Fostering teamwork between development and QA teams, resulting in 30% faster issue resolution.
- Addressing critical production issues with a 98% success rate within established SLAs.
- Applied analytical skills to identify performance patterns and implement targeted optimizations.
- Communicated complex technical concepts through comprehensive documentation and process writing.

### SENIOR BACKEND DEVELOPER

**PT Multidaya Dinamika** | 08/2022 - 01/2025

- Architected back-end services for enterprise-level web applications serving 50,000+ daily users.
- Engineered scalable REST API solutions processing over 100,000 transactions daily.
- Guided 5 junior developers in OOP principles and design patterns, improving team productivity by 25%.
- Collaborated with cross-functional product teams to deliver 8 complex projects on time and within budget.

- Implemented cloud deployment strategies using GitHub for version control that reduced infrastructure costs by 30%.
- Applied clean code principles to establish coding standards across development teams.
- Designed RESTful API endpoints following industry best practices and architectural guidelines.
- Utilized NodeJS and Python for specialized microservices requiring high performance and reliability.
- Integrated Elasticsearch for improved data search capabilities across multiple product offerings.

## **BACKEND DEVELOPER**

**PT Multidaya Dinamika** | 09/2019 - 08/2022

- Constructed robust content management systems using Laravel, CodeIgniter, Lumen, and Go.
- Optimized REST APIs for financial systems, including QRIS and virtual accounts, processing 75,000+ daily transactions.
- Integrated payment platforms (OVO, LinkAja, BCA, Mandiri, and BNI) into existing systems.
- Programmed microservices using functional programming approaches for e-money systems, focusing on toll gate top-ups, handling 20,000+ daily transactions.
- Configured Socket.IO server using Deno and PM2 for real-time data transfer, supporting 5,000+ concurrent connections.
- Directed development of POS and parking systems used by 30+ enterprise clients.
- Formulated API connectors for electronic money top-ups at Transjakarta kiosks, processing 15,000+ daily transactions.
- Implemented ORM solutions for complex SQL database operations, improving query performance by 45%.
- Collaborated with front-end developers to ensure seamless integration between RESTful API services and HTML5/CSS3 interfaces.
- Utilized GitLab for version control and continuous integration in an Agile development environment.
- Incorporated RabbitMQ for message queuing in high-volume transaction processing systems.

## **JUNIOR PROGRAMMER**

**PT Anilo Adikarya Sentosa** | 09/2018 - 09/2019

- Developed front-end components and user dashboards using HTML5, CSS3, and JavaScript, focusing on responsive design and innovative user interfaces that reduced client training needs by 40%.
- Created attendance and reporting solutions serving 5,000+ users with scalable back-end architecture.
- Generated billing systems with client-specific configurations for 15+ B2B businesses.

- Created RESTful API documentation for internal development teams and external partners.
- Applied analytical skills to identify and resolve cross-browser compatibility issues in front-end implementation.
- Participated in user requirements gathering and documentation for product development.
- Experimented with emerging web technologies to improve application performance and user experience.

## KEY PROJECTS

### MULTIPAY (PAYMENT GATEWAY)

**Lead Developer & Maintainer** | 01/2022 - Present

- Established integrations with major payment processors (Xfers, Bigflip, B-Secure).
- Maintained payment gateway processing 85,000+ monthly transactions with high reliability.
- Deployed containerization solutions using Kubernetes for consistent development and production environments.
- Implemented RESTful API endpoints for third-party service integration.
- Applied data modeling techniques to optimize transaction record structures.
- URL: <https://multipay.multidaya.id>

### MERCHANT DESK SYSTEM (MDS)

**Developer & Maintainer** | 02/2020 - Present

- Created a merchant management platform supporting 200+ businesses with 99.9% uptime.
- Implemented cloud-based scaling to accommodate usage spikes during peak business hours.
- Developed a responsive HTML5/CSS3 front-end interface for seamless desktop and mobile experiences.
- Utilized Apache server technologies for reliable web application delivery.
- URL: <https://merchant-desk.multidaya.id>

### DOLAN

**Developer & Continuous Improvement** | 12/2023 - Present

- Enhanced tourism application serving 10,000+ monthly users using NodeJS and ReactJS.
- Optimized SQL queries and database structure to improve response times by 60%.

- Collaborated with the UI/UX team to implement front-end improvements using modern HTML5 and CSS3 techniques.
- Integrated Redux for state management in a complex user journey flow.
- URL: <https://dolanapp.com>

## **PARKING AGGREGATOR SYSTEM (PAS)**

**Developer & Maintainer** | 09/2019 - Present

- Designed a comprehensive parking management system handling 25,000+ daily transactions.
- Implemented RESTful architecture to ensure scalable and maintainable API services.
- Utilized Elasticsearch for real-time search functionality across multiple parking locations.
- Applied Agile development practices for iterative feature releases and continuous improvement.

## **GBK GATE AND E-TICKETING**

**Developer & Maintainer** | 05/2020 - Present

- Delivered an electronic ticketing system processing 30,000+ tickets for major events.
- Integrated QA processes to ensure reliable operation during high-traffic periods.
- Implemented innovative mobile check-in procedures using QR code technology.

## **SETTLEMENT MONITORING TOOL (SMT)**

**Continuous Improvement & Maintainer** | 04/2021 - Present

- Maintained a financial settlement tracking system with a 99.5% accuracy rate.
- Applied analytical skills to identify transaction patterns and optimize settlement processes.
- Implemented Kibana dashboards for real-time monitoring of settlement activities.
- Utilized Python scripts for automated reconciliation and reporting.

## **TOLL FREEWAY TOPUP**

**Developer** | 04/2021 - 07/2021

- Architected an electronic payment system handling 50,000+ monthly toll transactions.
- Applied object-oriented programming principles to create maintainable, scalable code.
- Integrated with multiple payment providers using standardized REST API protocols.

## **EDUCATION**

## **SOFTWARE ENGINEERING**

**SMKN 10 Jakarta / 10th Jakarta State Vocational High School Diploma** | 07/2016 - 06/2018

- Vocational High School Diploma in Software Engineering
- Self-taught in computer science fundamentals, including algorithms, data structures, and system design
- Coursework: Programming Fundamentals, HTML5/CSS3 Development, Desktop/Web/Mobile Application Development, Software Testing, Project Management, Problem-Solving Techniques

## **INTERNSHIP**

### **JUNIOR PROGRAMMER**

**PT Artivisi Intermedia** | 04/2017 - 06/2017

- Gained practical experience in enterprise software development and version control systems.
- Contributed to client projects with positive stakeholder feedback.
- Assisted in front-end development using HTML5 and CSS3 for responsive web applications.
- Participated in Agile software development processes, including daily stand-ups and sprint planning.

## **ADDITIONAL TECHNOLOGY EXPOSURE**

- Familiar with various programming languages, including BASIC and C++.
- Experience with Kibana for data visualization and analytics
- Understanding of Kubernetes container orchestration
- Working knowledge of Apache web server configuration
- Exposure to Logstash for log processing and forwarding