

Dimas Ariyanto *Backend Developer*

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Profile

A highly motivated and results-driven Backend Developer with over two years of experience in creating scalable, efficient, and secure backend solutions. I have a passion for solving complex problems and delivering high-quality code that drives business success. Specialized in PHP, Node.js, Typescript, and frameworks like Laravel. Express and Nest, I am proficient in managing databases with MySQL, PostgreSQL, MongoDB, and skilled in deploying containerized applications using Docker. I am committed to continuous learning and staying updated with the latest industry trends to ensure that the solutions I build are not only effective but also future-proof.

Professional Experience

04/2024 – present
Yogyakarta, Indonesia

Fullstack Developer

Gamedusa 📄

Maintain and develop new features for **velosita** system, a b2b ticketing platform.

01/2025 – 06/2025
Sleman, Indonesia

Fullstack Developer

Git Solution 📄

- Developing and maintaining the POS application to support the operational needs of 7 business units with 30 admin.
- Optimising the MySQL database to ensure stable and efficient performance while managing data for over 9,000 customers, 1000 suppliers, and processing 1,000 daily transactions.
- Identifying and resolving bugs to maintain system stability in a high-transaction environment.

09/2024 – 03/2025
D.I Yogyakarta,
Indonesia

Backend Developer

Jogiia Digital Indotech 📄

- Engineered and optimized scalable back-end architectures using NestJS, Express, and TypeScript, improving application performance and scalability by 30%.
- Designed and maintained robust database solutions with MySQL and MongoDB, and optimizing query performance.
- Implemented caching strategies with Redis, enhancing system responsiveness and reducing latency by 35% for real-time chat and e-commerce applications.
- Developed and integrated AI-powered features using OpenAI's ChatGPT API, automating real-time responses and optimizing chat-based interactions, improving customer engagement by 50%.
- Deployed and managed message brokers (BullMQ) for asynchronous processing, enhancing system reliability and enabling smooth, scalable distributed operations.

11/2023 – 08/2024
D.I Yogyakarta,
Indonesia

Full Stack Developer

Prodi Informatika AMIKOM 📄

- Developed and optimized a project repository platform utilized by 2,400+ informatics students, enhancing project management and collaboration efficiency by 35%.
- Partnered with the student association to design and launch a competition feature, increasing student engagement and event participation by 50%.

08/2023 – 12/2024
D.I Yogyakarta,
Indonesia

Full Stack Developer

Global Intermedia Nusantara [🔗](#)

- Developed and optimized a high-traffic application serving 3,000+ active users, enhancing performance and user experience, leading to a 20% increase in user satisfaction.
- Designed and implemented advanced security protocols, including Google reCAPTCHA, Google Authenticator, and WhatsApp OTP.
- Architected and maintained a scalable database system managing 3+ million records, ensuring optimal performance, data integrity, and supporting 15% user growth.
- Integrated and optimized external APIs to improve application functionality.
- Containerized and deployed applications using Docker and automating the deployment process for faster rollouts.

10/2022 – 11/2023
D.I Yogyakarta,
Indonesia

Practicum Assistant

Forum Asisten [🔗](#)

- Instructed and facilitated 10 advanced programming and database courses, effectively engaging 60+ students per class, leading to a 20% increase in participation.
- Implemented interactive teaching methods, including hands-on exercises, real-world case studies, and collaborative projects, improving student comprehension by 15%.
- Provided personalized feedback and academic support, raising average assignment scores from 75% to 90%, significantly enhancing student performance.
- Mentored and guided students through structured learning strategies, achieving a 95% success rate in assignments by delivering step-by-step assistance tailored to individual learning needs.

Projects

09/2024 – 03/2025

Agen Cerdas [🔗](#)

AI-powered application built with NestJS and MongoDB, leveraging the OpenAI API, web JS libraries, BullMQ as a message broker, and Redis for enhanced task processing and scalability. This application enables businesses or customer service teams to efficiently manage high order volumes by reducing reliance on human agents through intelligent and integrated automated responses, ensuring optimal productivity and service quality.

01/2025 – 06/2025

Geniuspos [🔗](#)

GeniusPOS is a point-of-sale (POS) application developed using Laravel and MySQL, designed to streamline transaction management for businesses. This application offers a reliable and efficient solution for handling sales, inventory, and customer data, making it an essential tool for modern business operations.

11/2023 – 08/2024

Launchinpad [🔗](#)

Launchpad is a repository management application developed using Laravel and MySQL, designed for managing final projects of students. It aims to streamline project data organization while providing a collaborative platform for students to work together on their final projects efficiently.

10/2023 – 01/2024

Penilaian 360 Salatiga [🔗](#)

Penilaian 360 is an employee evaluation application developed using Laravel and PostgreSQL, specifically designed for the local government of Salatiga. This application facilitates comprehensive and efficient 360-degree employee assessments, enabling a more objective and thorough evaluation process.

Organisations

11/2022 – 10/2023
D.I Yogyakarta,
Indonesia

AMIKOM Computer Club [↗](#)

Coordinator Divisi Mobile Development

- Trained 163 members in Flutter development, resulting in a 60% increase in the club's mobile app development competency.
- Developed a structured syllabus covering essential programming concepts, version control with Git, and advanced Flutter techniques, leading to a 20% improvement in course completion rates.
- Led the development of a feature-rich electronic parking application using Flutter, which streamlined parking management.
- Organized "AMCC Goes to School," an outreach program aimed at introducing high school students to basic programming concepts and the IT industry, enhancing their interest in technology fields.
- Coordinated the "Competition of Developer," a national level competition event that encouraged participants to develop innovative software applications, promoting practical skills and creativity among participants.
- Facilitated the "Introduction to Computer" workshop, providing foundational IT knowledge to new students and helping them transition smoothly into more advanced topics.

Education

09/2021 – 07/2025
D.I Yogyakarta,
Indonesia

Bachelor Degree in Information System

AMIKOM Yogyakarta University [↗](#)

- Relevant Courses: Database Programming, Web Programming, Software Engineering, Database System, Operating System, Programming Project.
- Competitions: GKM Competition (Software Development), FindIT UGM (Competitive Programming), ABPxPresindo Hackathon (Hackaton), AMICTA (Software Development).

Courses

08/2023 – 01/2024
Jakarta, Indonesia

Cloud Computing

Bangkit Academy

Specialized in Google Cloud Platform, focusing on cloud architecture, data storage, security and backend development.

Certificates

- Learn to Build Back-End Apps for Beginners with Google Cloud [↗](#)
- Getting Started with Basic Programming to Become a Software Developer [↗](#)
- Learn Git Basics with GitHub [↗](#)
- Learn to Build Back-End Apps for Beginners [↗](#)
- Learn Back-End Application Fundamentals [↗](#)
- Introduction to Programming Logic (Programming Logic 101) [↗](#)
- Learn Computer Networking for Beginners [↗](#)
- Learn Basic Web Programming [↗](#)

Skills

Programming Languages

HTML, CSS, PHP, Node.js, JavaScript, TypeScript, SQL, Golang

Tools

Docker, Git, Github, Gitlab, Google Cloud Platform

Libraries & Frameworks

Bootstrap, TailwindsCss, Alpine Js, Laravel, Filament, Express.js, Nest, Flutter, OpenAI

Databases

MySQL, PostgreSQL, MongoDB