

MUH. SYHRUL MINANUL AZIZ

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Brebek, Indonesia

Full-Stack Developer with hands-on experience delivering scalable and production-ready applications across multiple industries, specializing in building end-to-end systems from responsive front-end interfaces to robust backend architectures using technologies such as Java (Spring Boot), TypeScript, PHP, and RESTful APIs. Proven track record in developing high-impact solutions, including AI-powered platforms, digital service systems, and inventory management applications, with a strong focus on performance, security, and maintainability. Adept at translating business requirements into efficient technical solutions, solving complex problems, and delivering measurable value both independently and in collaborative environments.

Education

Telkom University Bandung – Bandung, Indonesia

Sep 2022 - Jan 2026

Bachelor's Degree in Informatics

- Completed a final project (thesis) titled “**Pengembangan Sistem Rekomendasi Gaya Hidup Sehat Berdasarkan Data Pemeriksaan Dasar Menggunakan Algoritma XGBoost dan LLM**”.
- Studied **Artificial Intelligence (AI)** and its applications in **data processing, recommendation systems, and predictive modeling to support intelligent system development**.
- Experienced in **machine learning, data analysis, and web application development** using modern technologies.

Work Experience

JOY INN HOTEL – Brebek, Indonesia

Feb 2026 - Present

Full Stack Developer – Project Based & Freelancer

- Designed and developed a QR code-based food ordering system that allows hotel guests to scan QR codes in each room to access digital menus and place orders seamlessly.
- Built the back-end system using Laravel and MySQL, including order management, payment processing via integrated payment gateway, and real-time transaction handling.
- Developed a mobile application Flutter for kitchen staff that functions as an alarm and notification system to instantly alert incoming orders, improving response time and operational efficiency.
- Implemented an automated notification and alarm system in the kitchen to alert staff instantly when new orders are received, improving response time and service efficiency.
- Developed responsive front-end interfaces to ensure a smooth and user-friendly ordering experience across various devices.
- Ensured system reliability, security, and performance optimization to support continuous hotel operations and high user activity.

Japan Dream Tour & TRiMA Korea (PT. TRIMA GLOBAL INDONESIA) – Tangerang, Indonesia

Jan 2026 - Present

Full Stack Web Developer – Work From Office

- Develop and maintain full-stack web applications using TypeScript, Java, JHipster, and MariaDB to support business operations for international tour services.
- Design and implement scalable backend services and responsive frontend interfaces to ensure system reliability and optimal user experience.
- Handle system issues and provide technical support for international users, including clients from Japan and Korea, ensuring timely problem resolution.
- Communicate effectively with non-English-speaking users using translation tools to bridge language barriers and maintain smooth collaboration.
- Troubleshoot, debug, and enhance system performance to ensure stability, security, and efficiency across production environments.

Warnet Chelsea – Brebek, Indonesia

Jun 2025 - Present

Full Stack Web Developer – Project Based & Freelancer

- Designed and developed a Point of Sale (POS) system to manage daily transactions, including sales recording, service payments, and financial tracking.
- Built the system using native PHP and MySQL, ensuring reliable data handling, transaction processing, and system scalability.
- Implemented multi-service transaction features, including money transfers, cash withdrawals, PPOB (bill payment services), and PlayStation (PS) rental management.
- Developed transaction logging and reporting modules to support accurate financial monitoring and business decision-making.
- Created user-friendly interfaces to streamline cashier operations and reduce transaction errors.
- Ensured system security and data integrity, including validation, access control, and backup mechanisms.

PT. GERAITOPUP SOLUSI DIGITAL – Lamongan, Indonesia

Feb 2025 - Present

Full Stack Web Developer – Project Based & Freelancer

- Designed and developed the website front-end with a responsive layout to ensure an optimal user experience across various devices, including desktop and mobile.
- Built the website back-end using technologies and frameworks such as Laravel, supporting functionalities like content management, user authentication, and API integration.
- Implemented product API integration, and performance analytics to ensure overall system reliability and optimal performance.

Full Stack Web Developer – Work From Home

- Designed and developed DormHub, a digital dormitory management platform built with Java Spring Boot, Thymeleaf, Bootstrap 4, and MySQL, aimed at simplifying room management, item reporting, and student complaint handling for Telkom University dormitories.
- Integrated an AI-powered chatbot feature that assists users in submitting reports, asking questions, and tracking dormitory updates automatically using natural-language interaction.
- Implemented modules for room information management, item and permission reporting, and helpdesk systems, ensuring efficient data flow between administrators and residents.
- Developed a centralized admin dashboard for managing users, rooms, and reports through a secure and scalable backend architecture.
- Built responsive front-end components with Bootstrap and jQuery, enhancing usability across desktop and mobile devices.
- Focused on system efficiency, security, and transparency to provide a seamless dormitory management experience.

Amandiesel – Tasikmalaya, Indonesia

May 2024 - Present

Full Stack Web Developer – Project Based & Freelancer

- Design and develop a desktop or web-based application system that enables efficient inventory management, including the recording of incoming and outgoing goods, as well as real-time stock monitoring.
- Integrate features such as barcode scanner or QR code technology to facilitate data collection and verification of incoming and outgoing goods, with the aim of improving accuracy and process efficiency.
- Ensure the application is equipped with adequate security features to protect inventory data from unauthorized access, as well as provide reports and analysis that support proper decision-making related to inventory management.

BCD Pedia – Lamongan, Indonesia

Sep 2021 - Present

Full Stack Web Developer – Project Based & Freelancer

- Designed and developed the website front-end with a responsive design to ensure an optimal user experience across various devices, including desktop and mobile.
- Built the website back-end using technologies and frameworks such as CodeIgniter, supporting functionalities like content management, user authentication, and API integration.
- Implemented social media integration, and website performance analytics to ensure overall availability and high performance.

Brebes Media – Brebes, Indonesia

Sep 2019 - Nov 2024

Full Stack Web Developer – Work From Home

- Designed and developed responsive website front-end interfaces to ensure an optimal user experience across desktop and mobile devices.
- Built the website back-end using technologies and frameworks such as CodeIgniter, supporting functionalities like content management, user authentication, and API integration.
- Implemented social media integration, and website performance analytics to ensure high availability and overall system efficiency.

Informatics Assignment Services – Indonesia

Feb 2019 - Present

Freelance – Work From Anywhere

- Develop web or mobile applications based on given specifications, including UI/UX design, database integration, and application testing to ensure performance and security.
- Compile comprehensive technical documentation for software development projects, including requirements analysis, system specifications, and installation and usage guides for end-users.

Internship Experience

Dinas Penanaman Modal dan Pelayanan Terpadu Satu Pintu (DPMPTSP) – Tegal, Indonesia

Jul 2025 - Sep 2025

Full Stack Developer – Work From Office

- Designed and developed a web-based queue management system for the Mal Service Public Service of Tegal Regency, including an Android application for ticket printing to streamline service operations.
- Built the back-end using native PHP with features such as queue management, authentication, and database integration, and utilized Flutter for the ticket printing module.
- Handled high-volume public service data, processing hundreds of daily queue transactions to ensure system reliability and smooth service flow.
- Implemented API integration, and performance analytics to improve system efficiency and monitoring.
- Created comprehensive technical documentation to support system maintenance, scalability, and future development.

Expertise and Languages

- **Hard Skills**

- **Programming Languages:** PHP, Java, TypeScript, JavaScript
- **Frameworks & Tools:** Spring Boot, Node.js, Laravel, CodeIgniter, JHipster, Flutter
- **Web Technologies:** HTML, CSS, jQuery, Bootstrap, Tailwind CSS
- **Database:** MySQL / MariaDB
- **Version Control:** Git (GitHub / GitLab)
- **Others:** RESTful API, AI & Machine Learning, Internet of Things (IoT)

- **Soft Skills** : Adaptability, Communication, Teamwork, Problem-Solving, Time Management, Attention to Detail.
- **Languages** : Indonesian (Fluent), English (Beginner).