

MUHAMMAD ZIKRI

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EDUCATION

POLITEKNIK LP3I Medan

Bachelor of Information Technology

Cumulative GPA: 3.02/4.0; Dean's List 2015-2018

Relevant Coursework: Backend Developer, Algorithms, and React js in udemy

Medan, Indonesia

Expected July 2018

WORK EXPERIENCE

Kaleka

Backend Developer

Bali, Indonesia

July 2023 – Now

- Spearheaded the development of a C#-based Restorasi Backend App, optimizing performance and scalability.
- Collaborated closely with Mobile and Frontend Developers to ensure seamless integration and functionality.
- Designed the Entity-Relationship Diagram (ERD) for efficient database management and schema design.

PT Digital Kreatif Milenial

Backend Developer

Jakarta, Indonesia

August 2022 – July 2023

- Engineered a WhatsApp chatbot solution for KFC, utilizing Node.js, Laravel, MySQL, and MongoDB, enhancing customer engagement and order processing.
- Implemented microservices architecture and message broker functionality using RabbitMQ for efficient communication between components.
- Contributed to the development and maintenance of complex web applications, ensuring high-quality deliverables within Agile environments.

Asean Fintech Group

Fullstack Developer

Jakarta, Indonesia

Mei 2021 – August 2022

- Developed and maintained sophisticated web applications using Laravel, Node.js, and MySQL, adhering to industry best practices and standards.
- Played a key role in cross-functional teams, actively contributing to sprint planning, stand-ups, and retrospectives to ensure project success.
- Demonstrated proficiency in Agile methodologies, fostering collaboration and effective communication among team members.

Dinas Pendapatan Daerah batubara

Fullstack Developer

Jakarta, Indonesia

March 2019 – Mei 2021

- Developed and maintained web applications using CodeIgniter, JavaScript, and MySQL, focusing on e-government solutions.
- Development of E-BPHTB and E-Monitoring applications, leveraging CodeIgniter and MySQL, to streamline government processes.
- Proactively addressed issues and provided solutions, ensuring smooth operation and user satisfaction.

ADDITIONAL

Technical Skills

- Backend Development: Node.js, Laravel, Microservices
- Databases: MySQL, PostgreSQL, MongoDB
- Messaging Systems: RabbitMQ
- Frontend Development: CSS, HTML5, Bootstrap, JavaScript, Next.js
- SDLC: Software Development Life Cycle (SDLC)

Languages: Indonesia

Certifications & Training: Online Courses in ReactJS (Udemy)

PROJECTS EXPERIENCE

WeSME By Wetalk:

- Backend development using Node.js, Go, and microservices architecture for WeSME, a platform designed by Wetalk.
- Implemented a seamless ordering system via WhatsApp, integrating with Facebook catalog to enhance product visibility and streamline the purchasing process.
- Leveraged Node.js and Go to build robust backend services, ensuring scalability and reliability for handling high volumes of orders.
- Utilized microservices architecture to modularize the application, promoting code reusability and maintainability.
- Collaborated closely with cross-functional teams to ensure smooth integration and functionality of the ordering system, prioritizing user experience and satisfaction.

SNJ (Suri Nusantara Jaya):

- Spearheaded integration with Facebook catalog to enhance product visibility and streamline the ordering process for customers.
- Leveraged APIs and webhooks to sync product information with the Facebook catalog, ensuring up-to-date and accurate listings.
- Implemented seamless browsing and ordering capabilities directly within the Facebook platform, maximizing user convenience and engagement.
- Collaborated closely with the marketing team to optimize product presentation and promotional strategies within the Facebook catalog.
- Ensured compliance with Facebook's guidelines and standards for catalog integration, maintaining a seamless and user-friendly shopping experience for customers.

Chatbot for KFC

- Spearheaded the development of a sophisticated chatbot solution for KFC, leveraging Laravel and Node.js to ensure seamless integration and functionality.
- Integrated RabbitMQ messaging system to facilitate real-time communication, enhancing user engagement and order processing efficiency.
- Implemented Facebook catalog integration, enabling users to easily browse and order menu items directly within the chat interface.
- Collaborated closely within a dynamic team environment, contributing to the continuous improvement of user experience and overall performance.

Backoffice Chatbot for KFC:

- development of a comprehensive backoffice chatbot platform for KFC, utilizing CodeIgniter 3 and MySQL for robust functionality and data management.
- Worked collaboratively with a cross-functional team throughout the development lifecycle, ensuring smooth integration and maintenance of the chatbot system.
- Took ownership of script maintenance and updates, ensuring the chatbot remains up-to-date and responsive to user needs.
- Provided ongoing support and optimization to enhance operational efficiency and streamline internal processes.

E-BPHTB (Electronic Tax for Land and Building Acquisition):

- Played a pivotal role in the design and implementation of the database structure and user interface for the E-BPHTB system.
- Developed using CodeIgniter 3 and MySQL, with additional functionalities integrated using jQuery and PHPExcel for data manipulation and reporting.
- Ensured compliance with regulatory requirements and standards while delivering a user-friendly and efficient platform for electronic tax processing.
- Shared project progress and collaborated effectively with stakeholders to achieve project milestones and objectives.

Website Bappeda: SNJ (Suri Nusantara Jaya):

- Contributed extensively to the development of the Bappeda website, from database design to frontend implementation, using CodeIgniter 3 and MySQL.
- Leveraged technologies such as jQuery and PHPExcel to enhance user interactivity and data presentation.
- Collaborated closely with team members to ensure alignment with project goals and specifications, delivering a polished and functional website for public access.
- Demonstrated versatility and adaptability in addressing evolving requirements and implementing effective solutions.