Ravhi Rizaldi

Full-Stack Web Developer

085155017979
ravhirzld@gmail.com
Jakarta Selatan, Jakarta

SUMMARY

As a skilled and experienced software developer, I have a proven track record of successfully leading high-impact projects, including CRM system migrations, the development of advanced platforms like Kalista Pulse, and transitioning legacy applications to modern, efficient architectures. My expertise lies in modernizing application infrastructures, enhancing performance, and delivering scalable, user-focused solutions.

My leadership experience includes managing cross-functional teams, streamlining workflows, and delivering cutting-edge solutions that align with organizational goals. With a focus on both backend and frontend excellence, I consistently deliver high-quality, reliable, and scalable applications tailored to user requirements.

EXPERIENCE

2022 - Present

Lead Programmer
PT. Kalapa Teknologi Putera ↗

- Coordinated Across IT and Non-IT Teams: Facilitated effective communication and collaboration between IT teams and other departments.
- Revamped CRM Outbound Contact Center Application: Rebuilt the CRM application from CodeIgniter 3 to Node.js and implemented WebRTC to enable calling to the Asterisk server via WebSocket.
- Migrating from soft phone to web phone.
- Implemented Redis for Caching: Integrated Redis as a caching system in multiple projects to enhance loading speed and performance.
- Transformed Database Structure: Migrated application databases from PostgreSQL to MongoDB, optimizing for scalability and flexibility.
- Led Omni-Channel Marketplace Project: Directed a B2C project focused on developing an Omni-Channel Marketplace platform.
- Created a WhatsApp Blast application using the WhatsApp Business API and implemented Apache Kafka as a pub-sub system for message queuing.

2021 - 2022

Senior Web Developer
PT. Palapa Mitra Solusi ↗

- Enhanced Outbound Contact Center CRM Application: Implemented dynamic customer data uploads and simplified the existing application flow.
- Integrated Softphone with CRM: Successfully integrated a softphone into the CRM application, enabling calls through PHP AGI functions in Asterisk.
- Installed PBX Server: Set up and configured a PBX server using Asterisk PBX.
- Developed Automatic Call Recording Script: Created a script to automatically initiate recording during the Asterisk dial plan execution.

2019 - 2020

Junior Web Developer
PT. Global Alih Daya ↗

- Developed a Recruitment Application and implemented Personality Tests, including MBTI and Papi Kostik, to evaluate candidate suitability for inbound or outbound agent roles.
- Generated Profiling Reports: Automated the generation of profiling reports based on test results, aiding in the decision-making process for recruitment.
- Designed a Responsive Landing Page: Developed a company landing page with modern and

responsive design.

IT Support Specialist
PT. Vads Indonesia ↗

- Managed Incoming Tickets: Handled incoming support tickets as the first layer of response.
- Performed PC Repairs and Part Replacements: Conducted troubleshooting and replacement of faulty PC components.
- Coordinated with Relevant Departments: Collaborated with various departments to address and resolve issues.
- User and Group Management: Managed users and groups in Active Directory on Windows Server, Zimbra Email, and Microsoft Exchange.

EDUCATION

2011 - 2014   Taruna Andigha High School

CERTIFICATES

2019 - Present   **PHP And SQL Course** ↗
Udemy

2019 - Present   **MECPA - Desktop Central** ↗
ManageEngine

08/2022 - 08/2024   **Operate and Manage a Cloud Serve** ↗
Alibaba Cloud Global

SKILLS

AWS DB and Storage (S3, RDS)	Redis
AWS Network (ELB, CloudFront, Route 53)	GraphQL
AWS Basic Foundation (IAM, EC2)	SQL (PostgreSQL, MySQL, MSSQL)
Windows Server	MongoDB
Linux	Asterisk (VoIP)
Docker Container	VueJS
Express.JS	Javascript / Typescript - NodeJS
Apache Kafka	PHP

LANGUAGES

English	Intermediate	Indonesian	Native

P R O J E C T S

2024 - Present

Fullstack Developer and Project Team Lead
Kalista Pulse ↗

Kalista Pulse is an advanced platform built to leverage the power of the WhatsApp Business API, enabling businesses to streamline communication and enhance customer engagement. The platform is tailored to support enterprises in managing large-scale interactions while maintaining personalized and effective communication.

- Bulk Messaging: Efficiently send large-scale personalized messages to customers while adhering to WhatsApp policies.
- Message Templates Management: Create, edit, and organize pre-approved message templates for various use cases, such as notifications, reminders, and promotions.
- Chat Management: A centralized dashboard to manage customer inquiries and conversations in real-time.
- Analytics and Reporting: Detailed insights into message delivery, read rates, and customer responses for better strategy planning.
- User Role and Permission Management: Assign roles and set permissions to ensure secure and organized access for teams.

Kalista Pulse has been successfully adopted by several notable clients, including Gojek, Politeknik Batam, EasyCash, and many others, demonstrating its value in enhancing communication strategies across industries.

The platform was built using Apache Kafka for real-time message streaming, MongoDB for database management, and Redis for caching and session management. The backend was developed with Express.js, while the frontend utilized Vue2 for creating a dynamic and user-friendly interface. For authentication, WebAuthn was implemented to ensure secure access and enhanced user verification.

2023 - Present

Fullstack Developer and Project Team Lead
Kanal Dagang ↗

Kanal Dagang is a platform enabler designed to streamline the management process for sellers who own multiple accounts across various marketplaces, such as Tokopedia, Lazada, Shopee, and TikTok. The platform consolidates all stores into a single, user-friendly dashboard, simplifying operations and enhancing efficiency.

- Order Management: Centralized order tracking and processing from all connected marketplaces.
- Product Management: Comprehensive tools for adding, editing, and organizing products across stores.
- Live Chat: Integrated communication system to interact with customers directly from the platform.
- Store Management: Simplified control and configuration of multiple stores on various platforms.
- Product Copying: Ability to duplicate and synchronize products from one store to another, even across different marketplaces.

09/2017 - Present

Open Source Project
Android Tools ↗

Developed an all-in-one desktop application to manage Android devices by transforming complex ADB shell commands into an intuitive GUI.

- Designed and implemented a GUI-based solution to simplify ADB and Fastboot commands, enabling easier management of Android devices.
- Added advanced features such as ROM dumping for rooted devices, allowing users to create flashable image files directly.
- Integrated APK editing tools, including decompiling, signing, and optimizing APKs for developers and power users.