MAHARDIKA KESSUMA DENIE

Software Engineer

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🪪 PROFILE

Software Engineer with 4 years of experience building full-stack web and cross-platform mobile applications. Skilled in **Flutter, React, Vue.js, NestJS, and Laravel**, with a strong track record in developing **insurance platforms, e-commerce systems, CMS tools, and cultural-tech solutions**. Proven ability to deliver **high-performance, user-friendly applications**—including a multi-tenant insurance app for Southeast Asia, real-time seller dashboards (boosting productivity by 35%), and a startup preserving Indonesian traditional dance (*Ensiklotari*, Top 10 IEEE 2021). Passionate about clean code, intuitive UX, and solving real-world problems through technology.

🗄 PROFESSIONAL EXPERIENCE

PT Friendsure Indonesia, *Fullstack Engineer*
02/2025 – present
Jakarta, Indonesia

- Developed and maintained a **cross-platform insurance application** using **Flutter for Android** , focusing on intuitive UI design for policy and claim management
- Integrated backend services to enable **real-time updates** , ensuring accurate and up-to-date information for users
- Implemented **secure data storage** solutions to protect sensitive user information and comply with industry standards
- Optimized app performance, resulting in **faster load times** and improved overall user experience
- Contributed to the development of the company's **insurance website** , using **React (frontend)** and **NestJS (backend)** to ensure a seamless and consistent UX across platforms
- Collaborated closely with product, design, and QA teams to align technical implementation with business goals and user needs
- Developed and maintained a CMS Strapi for dashboard Internal

PT ORDIVO TEKNOLOGI INDONESIA (ordeonline.id), *Fullstack Engineer*
11/2022 – 12/2024
Bandung, Indonesia

- Developed a **real-time seller dashboard** for Orderonline.id, providing actionable sales insights and increasing seller productivity by **35%**
- Redesigned UI/UX to enhance usability, resulting in a **20% increase in user engagement**
- Implemented **automated testing with Cypress** , reducing bug detection and resolution time by **50%**
- Created **10+ responsive storefront themes** , including a **TikTok-inspired design** , which boosted adoption among younger audiences
- Contributed to the development and maintenance of the **Admin Dashboard** and **Customer Portal** for Ostock
- Played a key role in identifying and resolving critical bugs, improving system stability and user experience
- Developed new features to enhance functionality and usability across both platforms
- Spearheaded a major project: **Wholesale Order System** , designed to improve user engagement and drive revenue growth

Icreativelabs - PT Idekreatif Menusa Teknologi, *Fullstack Engineer*   05/2022 – 11/2022
PT Pos Indonesia *Software Developer*   bandung, Indonesia
- Developed a **real-time Dashboard Reporting System** with interactive data visualizations, improving internal reporting efficiency by **70%**

Floucloud CMS
- Built a **WordPress-like CMS dashboard** with a clean and intuitive user interface for content management
- Optimized backend architecture using **Laravel & MySQL** , resulting in a **70% reduction in page load times**
- Enhanced system scalability and maintainability through modular code structure and efficient database queries

Ensiklotari, *Founder & Builder | Full-Stack Engineer*   07/2021 – 09/2023
- Founded **Ensiklotari.id** , a digital platform dedicated to preserving Indonesian dance culture through interactive **online dance classes**   Bandung, Indonesia
- Recognized as a **Top 10 Finalist** in the **IEEE 2021 Startup Competition**
- Received **Kedaireka Matching Fund** to support product development and content creation
- Built the platform using **Vue.js** and **Laravel** , ensuring a **responsive and user-friendly experience** for early adopters
- Partnered with **Sasikirana KoreoLab** , a professional dance studio, to deliver high-quality, culturally rich dance content

KlosingId, *Fullstack Engineer*   05/2021 – 05/2022
- Developed a **Customer Management System** and **landing page editor** with drag-and-drop features, boosting SME operational efficiency by **65%** and user adoption by **60%**   Bandung, Indonesia
- Integrated **marketing tools** and implemented **interactive design elements** , significantly improving user engagement
- Built using **Vue.js** , **Laravel** , and **MySQL** , ensuring high scalability, performance, and usability

CV Notiva Indonesia, *Intern Frontend Engineer*   01/2021 – 06/2021
Designed and built the **Notiva CMS Admin Dashboard**, streamlining content   Bandung, Indonesia
management across platforms.Automated content workflows, reducing manual effort by **40%**, and integrated real-time analytics for better decision-making.

🧩 PROJECTS

Ensiklotari, *Menari dimanapun dan kapanpun*
Developed a cultural preservation platform that offers online dance classes to promote Indonesian traditional dance across the nation. Built using Vue.js and Laravel, the platform delivers a responsive and seamless user experience. Collaborated closely with Sasikirana KoreoLab to ensure the delivery of high-quality content. The project was recognized as a Top 10 finalist in the IEEE 2021 Startup Competition.

DPUTR INTERNAL WEB REPORT ABSENSI, *(VUE, LARAVEL,MYSQL)*
Developed a web-based attendance reporting system for the Department of Public Works and Spatial Planning (PUPR) in Bandung Regency, streamlining the process of tracking and reporting attendance. The system enhanced efficiency and accuracy in managing attendance records, ensuring easy access for staff and administrators to monitor attendance data.

DPUTR SILANDAK DASHBOARD, *(VUE, LARAVEL, MYSQL)*
This web-based application, developed using Vue, Laravel, and MongoDB, is a specialized platform designed to comprehensively address the data visualization needs of the Department of Public Works and Spatial Planning. The primary goal of this website is to facilitate the monitoring and analysis of infrastructure project progress, presenting daily, monthly, and yearly reports in an easily accessible format. By harnessing the power of Vue for creating an interactive and responsive user interface, Laravel for efficient business logic management, and MongoDB as a flexible and scalable NoSQL database, this application enables the storage and processing of large-scale data. The data visualizations, presented in the form of interactive charts and tables, allow stakeholders within the Department of Public Works and Spatial Planning to monitor project progress in real-time, analyze trends, and make informed decisions based on accurate and up-to-date information. This application not only enhances transparency and efficiency in project management but also supports strategic planning by providing easy access to historical data and projections for future project developments.

PM-TRICKS DASHBOARD (Upwork), *Arabic Project*
PM TRICK is a web-based application designed to serve as an online course platform, catering to a diverse audience primarily based in Saudi Arabia. I was hired for this project through Upwork, where I collaborated remotely with the client to bring their vision to life. Developed using **Vue.js**, the application offers a seamless and user-friendly interface, enabling learners from different parts of the world to access high-quality educational content.
One of its standout features is **multilingual support**, providing content in **Arabic, English, and French**, ensuring accessibility and personalization for users in their preferred languages. PM TRICK is tailored to meet the educational needs of a **global audience**, offering a wide range of courses across various disciplines.
Through its **intuitive design** and **robust functionality**, the platform empowers learners by providing the tools and resources they need to succeed—while breaking down language barriers and fostering an inclusive learning environment.

ORDIVO GROUP - Orderonline.id - Core App, *Vuejs*
Enhanced the Orderonline platform by developing key features aimed at improving the seller experience and overall system performance. Designed a comprehensive report dashboard to help sellers analyze sales trends and make informed decisions. Revamped the funnel and storefront dashboards for a more intuitive and engaging user interface, increasing seller interaction. Led UI/UX improvements across the platform to boost usability and visual appeal. Contributed to quality assurance through the implementation of end-to-end testing with Cypress and the development of unit tests, ensuring feature stability and reliability. Additionally, built internal development tools to streamline workflows, improve debugging efficiency, and accelerate deployment processes.

ORDIVO GROUP - Orderonline.id - Storefront, *Nuxtjs, HTML, CSS*
Improved the Orderonline platform by addressing key technical issues and introducing new storefront themes to enhance seller engagement and overall functionality. Resolved various user-facing bugs and tackled technical debt on the storefront, resulting in faster load times, improved responsiveness, and a smoother user experience. Contributed to the design and development of 10 new storefront themes, giving sellers more visually appealing and customizable options to align with their brand identity and boost customer interaction. Additionally, played a key role in developing the Tiktok Shop theme, offering a modern, trendy interface that resonates with younger audiences and enhances storefront appeal.

ORDIVO GROUP - Orderonline.id - Funnel/Landing Page App, *Nuxtjs*
Improved the Orderonline platform by resolving key technical issues and introducing impactful features to enhance seller engagement and overall functionality. Addressed user-facing bugs and technical debt on the landing page, resulting in faster load times and a more responsive experience. Enhanced the Marketing Tools section by fixing issues and expanding its features, enabling sellers to manage promotions and campaigns more effectively. Developed a Progressive Form for account configuration, offering a smoother, step-by-step setup process for sellers. Also contributed to the development of the Abandoned Cart feature, helping sellers recover lost sales and gain insights into customer behavior to improve conversion rates.

ORDIVO GROUP - Orderonline.id - OO TESTING CYPRES, *cypress - automation testing*
Contributed to enhancing the Orderonline platform by resolving critical technical issues and introducing new storefront themes to boost seller engagement and overall functionality. Developed automation testing for core workflows—including order creation, pickup requests, and tracking number generation—to ensure reliability and reduce manual testing efforts. This end-to-end testing framework significantly improved operational efficiency, platform stability, and performance.

ORDIVO GROUP - Ostock.id - Core App, *vuejs - laravel - mongodb*
Enhanced the Ostock platform by resolving key technical issues and launching impactful features to improve seller engagement and overall functionality. Developed a Popup Information feature that empowers administrators to seamlessly create and manage marketing messages from the admin dashboard, enabling sellers to communicate promotions and updates more effectively. Also addressed technical debt by refactoring code, optimizing performance, and implementing best practices across both the frontend and backend to ensure improved stability and maintainability of the platform.

PT Friendsure Indonesia - Customer Portal App, *Insurance Application - Flutter*
Developing a mobile application using Flutter to support user claims management within a multi-tenant environment. The application supports multiple insurance products, including Grab Insurance, Teman Insurance, and DRGAGDGET Insurance. To ensure an optimal user experience, I implemented Material Design principles for a clean, intuitive, and responsive interface. The app leverages the BLoC (Business Logic Component) pattern with Provider for efficient state management, ensuring scalability and maintainability of the codebase.
To accommodate a diverse user base across Southeast Asia, I integrated comprehensive multilingual support for Indonesian, English, Malay, Thai, and Filipino (Tagalog), enabling seamless localization and enhancing accessibility for users in Indonesia, Malaysia, Thailand, and the Philippines. This approach not only improves usability but also strengthens user engagement by providing a personalized, region-specific experience.
The application emphasizes performance, maintainability, and user-centric design, reflecting my commitment to building robust, scalable, and inclusive mobile solutions using modern Flutter architecture and best practices.

Hayss`Gallery (Freelance), *Ecommerce - MERN Stack*
Designed, built, and maintained a fully functional CMS dashboard using Next.js to empower non-technical stakeholders in managing content for the main online art store. This custom content management system was developed to directly support the primary e-commerce platform by enabling efficient handling of product catalogs, promotional banners, editorial content, and metadata—all while ensuring real-time synchronization, SEO readiness, and brand consistency. By streamlining content workflows and reducing dependency on developer intervention, the CMS significantly improved operational efficiency and scalability for the business.

PT Friendsure Indonesia - CMS AI, *Strapi - Python*
Developed an all-in-one CMS dashboard to empower company content creators in producing high-quality digital assets efficiently. The platform enables one-click generation of platform-optimized videos for YouTube, Instagram Stories, Instagram Reels, TikTok, and Facebook, as well as on-brand images for Instagram and Facebook. It also includes a dynamic email template builder supporting product announcements, company updates, and newsletters. Integrated a transcript generator that automatically converts video content into editable text with high accuracy, significantly speeding up captioning, accessibility, and SEO workflows.

🎓 EDUCATION

ARS UNIVERSITY, *S1 Teknik Informatika*   09/2020 – 01/2024
GPA: 3.84 / 4.00   bandung, Indonesia