







Mahardika Kessuma Denie

Software Engineer

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Profile

Hello, my name is Mahardika Kessuma Denie. I have 4 years of experience in the tech industry, specializing in web development and cross-platform mobile app development using Flutter. I build responsive, user-friendly web applications with a focus on performance and usability. I'm always eager to learn and stay updated with the latest trends in technology.

Professional Experience

CV Notiva Indonesia, *Intern Frontend Engineer*

01/2021 - 06/2021

Designed and built the **Notiva CMS Admin Dashboard**, streamlining content management across platforms. Automated content workflows, reducing manual effort by **40%**, and integrated real-time analytics for better decision-making.

Bandung, Indonesia

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%**
- 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

Bandung, Indonesia

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**
- 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

Bandung, Indonesia

Icreativelabs - PT Idekratif 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

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| <p>Dinas Pekerjaan Umum dan Penataan Ruang Kabupaten bandung, <i>Fullstack Engineer</i></p> <p>Real-Time Attendance App</p> <ul style="list-style-type: none"> Built a real-time, web-based attendance application using Vue.js , Laravel , and MySQL , reducing manual data processing time by 75% through automation and instant reporting <p>Silandak Dashboard - Infrastructure Monitoring System</p> <ul style="list-style-type: none"> Developed an infrastructure monitoring dashboard with Vue.js , Laravel , and MongoDB , providing real-time insights into system performance Delivered interactive reports and optimized backend logic, improving data retrieval speed by 70% | <p>11/2023 - 01/2024</p> <p>bandung, Indonesia</p> |
| <p>PT ORDIVO TEKNOLOGI INDONESIA (ordeonline.id), <i>Fullstack Engineer</i></p> <ul style="list-style-type: none"> 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 | <p>11/2022 - 06/2024</p> <p>Bandung, Indonesia</p> |
| <p>PT Ostock Profitama Indonesia (OstockId), <i>Fullstack Engineer</i></p> <ul style="list-style-type: none"> 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 | <p>06/2024 - 01/2025</p> <p>Bandung, Indonesia</p> |
| <p>PT FREIENDSURETECH INDONESIA, <i>Fullstack Engineer</i></p> <ul style="list-style-type: none"> 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 | <p>02/2025 - present</p> <p>Jakarta Selatan, Indonesia</p> |

Education

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| <p>S1 Teknik Informatika, ARS UNIVERSITY</p> <p>GPA: 3.84 / 4.00</p> | <p>09/2020 - 01/2024</p> <p>bandung, Indonesia</p> |
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Skills

Languages & Frameworks – Vuejs(v2&v3) – Reactjs – Nodejs (Express,Nestjs) – Typescript – Javascript – HTML – CSS – SCSS/SASS – Nextjs – TailwindCss – Jest – Flutter – RabbitMQ

Tools – Figma – Postman – Git – Clickup – Github – Gitlab – Bitbucket – GraphQL – REST API – Docker – Webpack

Database – Mysql – MongoDB – PostgreSQL – Elasticsearch

Projects and Freelancers

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, 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.

Notiva Dashboard, *VUEJS, LARAVEL, MYSQL*

Notiva Dashboard is a web-based application that serves as a comprehensive dashboard to monitor the content of its main application. It is designed to assist administrators in efficiently managing their business model. By providing a centralized platform for content monitoring, the dashboard ensures that admins can oversee and control operations with greater ease and precision.

I developed the website using modern technologies such as **Vue.js** for the frontend, **Laravel** for the backend framework, and **MySQL** for managing the database. These tools were selected to ensure the scalability, responsiveness, and security of the platform. Throughout the development process, I focused on creating a user-friendly interface that simplifies admin tasks, enhances workflow, and optimizes the business model operations.

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.

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, Ecommerce - MERN Stack

Organizations

Bandung Coders (BACOD)

present

bandung, Indonesia

Himatif, Anggota

01/2020 - 05/2024

Bandung, Indonesia

Languages

Indonesia - Native/Bilingual

Inggris - Conversational

Awards

Top 10 IEEE Startup Ensiklotari,

14/12/2021

Institute of Electrical and Electronics Engineers

Recognized as one of the Top 10 startups in a national competition held by IEEE Indonesia. Our team developed *EnsikloTari*, a digital platform to preserve and educate traditional Indonesian dance, evaluated based on innovation and social impact.

MarchingFund Kedaireka,

Direktorat Jenderal Pendidikan Tinggi, Riset, dan Teknologi (Ditjen Diktiristek

Awarded by the Ministry of Education, Culture, Research, and Technology (Kemdikbudristek RI), supporting *EnsikloTari* in collaboration with Ars University and Sasikirana KoreoLab.

Media Features:

- RRI: EnsikloTari Hadir untuk Melestarikan Tari Indonesia
- Republika: Ars University Lolos Pendanaan Matching Fund Kedaireka