

MAHARDIKA KESSUMA DENIE

Software Engineer

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PROFILE

Versatile Software Engineer with 5 years of experience building high-performance web and mobile applications using React, Next.js, Flutter, and scalable backend architectures. Specialized in delivering multi-tenant SaaS platforms, optimizing real-time systems (boosting productivity by 50%), and founding an award-winning cultural-tech startup. Passionate about robust infrastructure, clean code, and intuitive user experiences

PROFESSIONAL EXPERIENCE

PT Friendsure Technology Indonesia, *Fullstack Engineer*

02/2025 - present

Jakarta, Indonesia

- **Engineered a real-time ticket management portal** using Next.js, TypeScript, WebSockets, and Redis, successfully replacing third-party tools and reducing software licensing expenses by 100%.
- **Architected scalable backend Microservices** using NestJS, optimizing complex SQL queries and enforcing ISO-standard data parsing to significantly reduce API error rates.
- **Developed a cross-platform mobile insurance app** using Flutter, delivering an intuitive user interface for efficient policy and claim management.
- **Built high-performance, SEO-friendly web applications** using React and Next.js, leveraging modern rendering strategies to accelerate client acquisition and ensure a seamless UX.
- **Containerized application components with Docker and orchestrated deployments via Kubernetes**, ensuring high availability and scalable delivery within a robust infrastructure.
- **Designed a comprehensive AI Monitoring Dashboard** using React and TypeScript to track real-time LLM performance, token consumption, and operational costs.
- **Enhanced system observability** by integrating custom monitoring tools that accurately track latency, throughput, and error rates across automated transaction services.

PT ORDIVO TEKNOLOGI INDONESIA (ordeonline.id), *Fullstack Engineer*

11/2022 - 12/2024

Bandung, Indonesia

- **Engineered a real-time seller dashboard** using Vue.js and Nuxt.js, delivering actionable sales analytics that accelerated daily workflows and boosted seller productivity by 40%.
- **Spearheaded comprehensive UI/UX revamps** across the platform's funnel and landing pages, optimizing user journeys and driving a 30% increase in overall user engagement.
- **Architected robust end-to-end (E2E) automated testing frameworks** using Cypress for core transaction workflows, slashing bug detection and resolution time by over 50% and ensuring high platform stability.
- **Developed 10+ customizable, highly responsive storefront themes**, including a high-converting TikTok-inspired layout that accelerated platform adoption among younger demographics by 25%.
- **Led the end-to-end development of the Wholesale Order System**, introducing a new scalable B2B feature designed to improve merchant retention and drive a 20% growth in average order value.

- **Scaled and optimized the Ostock Admin Dashboard and Customer Portal** utilizing Vue.js, Laravel, and MongoDB, proactively resolving critical technical debt and reducing system latency by 30% to ensure a seamless user experience.

Dinas Pekerjaan Umum dan Penataan Ruang Kabupaten Bandung, Fullstack Engineer
Real-Time Attendance App

11/2023 - 01/2024
 Bandung, Indonesia

- 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

Silandak Dashboard - Infrastructure Monitoring System

- 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%**

Icreativelabs - PT Idekatif Menusa Teknologi, Fullstack Engineer
PT Pos Indonesia Software Developer

05/2022 - 11/2022
 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
 Bandung, Indonesia

- 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

KlosingId, Fullstack Engineer

05/2021 - 05/2022
 Bandung, Indonesia

- 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

CV Notiva Indonesia, Intern Frontend Engineer

01/2021 - 06/2021
 Bandung, Indonesia

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.

EDUCATION

ARS UNIVERSITY, S1 Teknik Informatika

GPA: 3.84 / 4.00

09/2020 - 01/2024
 Bandung, Indonesia