JUNIANTO ENDRA
MOBILE DEVELOPER

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SUMMARY

Junior Mobile Developer and Software Engineer with experience in system analysis and full-stack development. I specialize in building high-performance applications using Flutter and PHP Laravel, with a proven track record of delivering digitalization solutions for the manufacturing and HR sectors.

PROFESSIONAL EXPERIENCE

Software Engineer

PT SEMARANG AUTOCOMP MANUFACTURING INDONESIA | Semarang

July 2025 – Present

Serving as a Full-Stack Developer under MRP, I was responsible for developing PHP Laravel and Flutter applications for PT Semarang Autocomp Manufacturing Indonesia (SAMI), with a strategic focus on production and warehouse operations.

By engaging directly with end-users, I gained deep insights into complex manufacturing workflows, which strengthened my expertise in Software Development Life Cycle (SDLC), including strategic planning, rigorous testing, and seamless deployment.

Key Achievements:

- Infrastructure Optimization: Executed a server migration from Windows to Ubuntu Server with Nginx, resulting in faster load times and optimized resource utilization.
- System Resilience: Developed an effective downtime prevention mechanism by implementing WebSocket technology to ensure real-time system stability.
- Warehouse Digitalization: Spearheaded the revamp of the warehouse application using Flutter, significantly improving data transition processes and operational efficiency.

Mobile Developer

ByDecodes | Semarang

December 2025 - Present

For the second time, I was commissioned by By Decodes Media to develop a mobile application for Edufarmers Indonesia. This application serves as a central platform for users to engage with and execute various initiatives under the Edufarmers program.

Throughout the development process, I established a solid Flutter foundation by adhering to clean code principles to facilitate seamless and efficient team collaboration. I was also responsible for architecting a robust system to handle complex multi-API integrations, including backend services and AI-driven user interactions, ensuring stable and high-performance application behavior under concurrent data processing.

Mobile Developer

ByDecodes | Semarang

September 2025 - January 2026

I was entrusted with the revitalization (revamp) of HR Desk, an Indonesian human resources management platform focused on streamlining personnel administration. In this project, I engineered a custom boilerplate from scratch to ensure a clean and systematic codebase, facilitating seamless team collaboration.

I developed several core features, most notably the attendance (clock-in/out) system integrated with Google ML Kit Face Detection. To bolster security, I implemented biometric verification with liveness detection (anti-fake face), requiring users to perform specific actions—such as opening their mouth—to verify their identity before completing the scan.

EDUCATION

Bachelor of Information Systems

Universitas Dian Nuswantoro

Graduated: 2025

Sistem Informasi Jaringan dan Aplikasi

SMKN 7 Semarang

Graduated: 2021