Doni Wahyu Kurniawan

Malang, Indonesia | doniwyk@gmail.com | doniwyk.my.id | in/doniwyk | github/doniwyk

SUMMARY

Software engineer with 1+ year of experience in web development. I like building things that actually work and obsessing over clean architecture probably more than I should — and I'm the type to go down a rabbit hole just to understand how something works. Always learning, always tinkering!

EXPERIENCE

PT. Green Energi Utama   Malang, Indonesia
Software Developer   Feb 2026 - Present
- Maintain and enhance a legacy internal ERP platform built with CodeIgniter 3 and MySQL, implementing new features and refactoring components to improve system stability and support evolving operational needs.
- Architect and lead the development of an internal CRM system with omnichannel communication capabilities, integrating chat and voice call features to centralize and streamline customer engagement workflows.

PT. Amerta Indah Otsuka   Kejayan, Indonesia
Full-stack Web Developer Intern   Jan 2025 - Jan 2026
- Migrated legacy PHPMaker systems into centralized Logistics Super App using Angular micro-frontend (Module Federation) with Express.js backend.
- Improved page load by ~93% (~7s to ~500ms) and reduced payload from 3.0MB to <1KB through efficient caching.
- Unified fragmented tools into a single scalable platform, significantly streamlining logistics workflows.

Husgendam Coffee   Batu, Indonesia
Full-stack Developer Freelance   Sept 2025 - Dec 2025
- Engineered an offline-first POS system using Flutter, ensuring continuous transactions during network outages.
- Developed an operational dashboard using React and shadcn/ui, digitizing workflows from raw material procurement to sales analytics.
- Architected a centralized Inventory Ledger using Hono, serving as the single source of truth for all stock mutations.

EDUCATION

State Polytechnic of Malang   Malang, Indonesia
Bachelor's of Applied Science, Informatics Engineering   Aug 2022 - May 2026
- Cumulative GPA: 3.94/4.0
- Outstanding Student of Informatics Engineering 2023/2024

PROJECTS

Down Syndrome Detection Mobile App   Oct 2024 - Nov 2024
Front-End Developer & Machine Learning Engineer
- Developed the mobile interface using Flutter, integrating camera functionality for real-time child screening.
- Engineered a Support Vector Machine (SVM) model using Dlib 68-point landmarks and LBP for feature extraction.
- Achieved 93% accuracy and 98% AUC on test data, optimizing the system for early detection in children aged 0-6.

Neighbourhood (RW) IS Management   May 2024 – Jun 2024
Front-End Developer
- Developed a Laravel and MySQL prototype to simulate population data and document processing.
- Implemented Role-Based Access Control (RBAC) to securely manage admin and resident privileges.
- Implemented a fully responsive, mobile-first UI using Tailwind CSS.

EXTRACURRICULAR ACTIVITIES

Workshop Riset Informatika   Malang, Indonesia
Community Vice Leader   Oct 2022 - Jan 2025
- Mentored 40+ students in foundational Web Development (HTML, CSS, JS) and modern frameworks.
- Coordinated 5+ annual workshops, guiding workflows and collaborating with external communities.

- Co-managed a community of 100+ active members, ensuring consistent knowledge sharing and operations.

SKILLS

- **Programming Languages**: JavaScript, TypeScript, Python, SQL, Dart
- **Technologies**: Git, Angular, Laravel, Tailwind CSS, Flutter, React

CERTIFICATIONS

- **GitHub Foundations** - GitHub   Nov 2024 - Nov 2027