Doni Wahyu Kurniawan

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SUMMARY

Informatics Engineering student at the State Polytechnic of Malang specializing in full-stack development. Skilled in creating scalable web and software applications, with a commitment to teamwork and learning to deliver impactful solutions.

EXPERIENCE

PT. Amerta Indah Otsuka — Kejayan, Indonesia
Full-stack Web Developer Intern — Jan 2025 — Present
- Developed and maintained full-stack web applications using Angular for the frontend and Express.js for the backend.
- Designed and implemented RESTful APIs to enable seamless data communication between the client and server.
- Built responsive and dynamic UI components using Angular, ensuring a smooth and interactive user interface.
- Optimized database queries and application performance, ensuring efficiency and scalability.

Husgendam Coffee — Batu, Indonesia
Full-stack Developer Freelance — Sept 2025 — Dec 2025
- Developed a fully customized POS system using Flutter with offline first capability.
- Built an end-to-end operational web application using React with shadcn, covering material intake, inventory flow, production, and sales.
- Implemented a centralized backend API using Hono to ensure unified data access for both POS and web platforms.
- Designed reliable stock-tracking and material-flow logic aligned with the cafe's production processes.

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
- Relevant Coursework: Algorithm, Web Development, UI/UX Design, Machine Learning

SMAN 01 Batu — Batu, Indonesia
High School Diploma — Jul 2019 - May 2022
- Cumulative GPA: 87.37/100.0

PROJECTS

Down Syndrome Detection Mobile App — Oct 2024 – Nov 2024
Front-End Developer & Machine Learning Engineer
- Developed a user-friendly front-end with Dart and Flutter, integrating camera functionality for photo capture.
- Built and deployed a Python-based ML model for image analysis, automating reliable detection.
- Collaborated with the team using Git for version control to enhance design and performance.
- Designed and tested key user flows to improve engagement and app efficiency.

Neighbourhood (RW) Information System Management — May 2024 – Jun 2024
Front End Developer
- Collaborated to automate RW administrative processes, reducing manual effort in population data, payments, and document requests.
- Developed a secure, responsive platform using Laravel and MySQL for efficient data handling.
- Created a responsive design with Tailwind CSS for easy navigation across devices.
- Delivered real-time tracking to enhance transparency and communication for administrators and residents.

Faculty Inventory Management — Nov 2023 – Dec 2023
Full Stack Developer
- Collaborated on designing and implementing a web-based inventory management platform for faculty use.
- Utilized PHP and MySQL for a real-time tracking system, ensuring item availability and history.
- Created a responsive interface with JavaScript and CSS to enhance user experience.
- Integrated front-end and back-end for seamless database interactions.

EXTRACURRICULAR ACTIVITIES

Workshop Riset Informatika   Oct 2022 - Jan 2025
Community Vice Leader
- Mentored students in foundational web development, providing guidance and hands-on support.
- Organized events such as workshops and coding sessions to foster collaboration and skill development.
- Contributed to strategic planning and smooth operations of the community.

SKILLS

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

CERTIFICATIONS

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

LANGUAGES

- **Indonesian**: Native
- **English**: Intermediate