Doni Wahyu Kurniawan

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SUMMARY

Software engineer with 2 years of professional experience building scalable web and mobile applications. Focused on clean architecture, performance optimization, and delivering systems that hold up in production.

WORK EXPERIENCE

Associate Software Engineer Aug 2026 - Present

B2BE · Full-time, Remote Birmingham, United Kingdom

- Implemented customer-specific EDI document transformations across multiple EDI standards using C++
- Developed and maintained EDI mapping logic to transform business documents according to defined customer specs.
- Troubleshot and resolved production integration issues while collaborating with global cross-functional teams.

Stack: C++, MySQL

Software Developer Feb 2026 - Jul 2026

PT. Green Energi Utama · Contract, On-site Malang, Indonesia

- Refactored & extended a legacy ERP system built on CodeIgniter 3, improving long-term maintainability.
- Built a CRM with React, TanStack Query, Go, Fiber, and Gorm, integrating WhatsApp Business API for chat & calls
- Collaborated with cross-functional teams to gather requirements, deliver new features, and support business operations.

Stack: React, TanStack Query, Go, Fiber, Gorm, Tailwind, PostgreSQL

Full-stack Web Developer Jan 2025 - Jan 2026

PT. Amerta Indah Otsuka · Internship, On-site Kejayan, Indonesia

- Migrated legacy PHPMaker systems into Logistics Super App using Angular micro-frontend 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.

Stack: Angular, Express.js, MySQL, Bootstrap CSS

PROJECTS

Kita

- Designed and shipped a diary app for couples with a content dotted calendar & a freeform canvas for text and photos.
- Built a custom canvas engine with lazy per date persistence, debounced autosave, and live partner sync over SSE.
- Provisioned Workers, D1, and R2 as code with alchemy, with quota guarded photo uploads and orphan cleanup.

Stack: React, TanStack Start, Cloudflare Workers, D1, R2, Drizzle ORM

Down Syndrome Detection Mobile App

- 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.

Stack: Flutter, Dlib, SVM, LBP

CERTIFICATIONS

- **TOEIC Listening & Reading** (935/990) - ETS May 2025 - May 2028
- **GitHub Foundations** - GitHub Nov 2024 - Nov 2027

EDUCATION

Bachelor's of Applied Science, Informatics Engineering Aug 2022 - Aug 2026

State Polytechnic of Malang Malang, Indonesia

- Cumulative GPA: 3.93/4.0
- Outstanding Student of Informatics Engineering 2023/2024
- Community Vice Leader of Workshop Riset Informatika 2024/2025