DZAKIR TSABIT ASY SYAFIQ

Software Developer — Web, Mobile & Automation | Laravel · Flutter · Python · OCR

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PROFILE

Informatics Engineering diploma student at Politeknik Negeri Bandung with experience building production systems for external clients, including automation, OCR, and API integrations. Experienced in leading projects from requirements analysis (SRS, ERDs, and flowcharts) through implementation across web, mobile, and automation.

SKILLS

Web & Mobile: Laravel, Vue.js, Flutter, HTML, CSS, JavaScript

Automation & Tools: n8n, Docker, Git

Databases: PostgreSQL, MySQL, MongoDB

Programming Languages: C, C++, C#, Java, PHP, Python, VBA

Analysis & Design: SRS, Flowcharts, ERDs, Requirements Analysis, REST APIs, OCR Processing

PROJECT EXPERIENCE

WhatsApp Payment Verification Automation

March 2026

n8n · Python · Docker · OCR

- Built a production system for an external client to automatically read and validate transfer receipts received through WhatsApp using OCR, replacing manual verification.
- Integrated OCR results with the client's internal financial system for automated validation, eliminating the need for administrators to check receipts individually.
- Independently handled deployment and server infrastructure issues on infrastructure outside the client's organization.

Academic Document Management Website

December 2025

Laravel · Vue.js · REST API

- Designed a system with role-specific access for administrators, lecturers, administrative staff, and heads of study programs.
- Implemented document uploads, versioning, and status tracking.
- Integrated the external PDDikti API to synchronize academic data.

KOMET — Visual Programming Education App

June 2026

Flutter · Clean Architecture · BLoC · MongoDB Atlas

- Owned the app theme, editor logic, and application entry point in a four-person team using Clean Architecture.
- Built authentication flows and role-based dashboards for teachers, students, and guests, including a session-aware splash screen.
- Designed JSON-based assignment data structures and wrote 33 unit tests using black-box and white-box approaches for the formal testing report.

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English CV · Information last updated: 12 September 2026

PROJECT EXPERIENCE — CONTINUED

KinetiQ — Body Pose Detection Mobile Party Game

June 2026

Flutter · Google ML Kit (Pose Detection) · Computer Vision · Sensors

- Led the team as Project Manager in developing an interactive mobile party game built around gamified body pose detection.
- Designed the integration of Google ML Kit Pose Detection and device motion sensors to recognize players' poses in real time through the camera.
- Coordinated the feature-based modular architecture and developer task allocation, covering the flow from the splash screen to the game loop.

AI Sales CRM B2B — Full Stack Developer

August–October 2026 · Ongoing as of 12 September 2026

Next.js 15 · TypeScript · Golang · PostgreSQL · sqlc · Redux Toolkit · TanStack Table · MUI v6

- Built the accounts backend module end to end in Golang, including PostgreSQL migrations, sqlc queries, and REST API operations for creating, retrieving, listing with pagination, updating, and soft-deleting records, following a handler → service → repository architecture.
- Built five CRM frontend modules in a single sprint: WhatsApp Chat Inbox, Company 360°, Leads, Kanban Pipeline, and Notes, using a mock-first architecture ready for API integration.
- Designed a reusable TabNotes component for Company, Contact, and Deal entities without duplicating code.
- Debugged complex Kanban drag-and-drop issues involving state synchronization between @formkit/drag-and-drop and Redux, as well as event bubbling in card action menus.

ORGANIZATIONAL EXPERIENCE

Analysis Team Lead — Himpunan Mahasiswa Komputer

2025–Present (as of September 2026)

- Led requirements analysis for the student association's internal applications and documented system flows to guide the development team.
- Facilitated communication between technical and non-technical teams to ensure requirements were conveyed accurately.

Junior Staff Member — Himpunan Mahasiswa Komputer

2024

- Contributed to organizational activities and the development of the association's website.

EDUCATION

Politeknik Negeri Bandung

Diploma III (D3) in Informatics Engineering

2024–Present (as of September 2026)