Muhamad Lutfi Hakim

Frontend Developer

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Professional Summary

As a Frontend Developer with over 3 years of experience, I have been proven in various frontend development scenarios, including complex offline development setups. I have a strong habit of building projects with clean, stable architecture, focusing on code quality and independent technical research to deliver robust solutions. I adapt quickly to new languages and frameworks, as demonstrated by successfully transitioning from my main framework, Vue, to Svelte and Flutter in my previous role.

Core Skills

Frontend Web: Vue.js, Svelte, Next.js, Nuxt.js, HTML, CSS, Tailwind CSS
Backend: Laravel, Node.js, Express.js
Mobile: Flutter, Capacitor, Android
Languages: JavaScript, TypeScript, PHP, SQL, Dart

Work Experience

Frontend Developer — Golektruk Dot Com, Semarang Jan 2024 – Aug 2026

- Served as the core contributor for the main POS application's order feature, managing the entire business logic from end to end using Flutter.
- Designed and implemented an offline-first architecture using SQLite (sqflite), ensuring transaction functionality worked seamlessly without an internet connection.
- Built a delayed action mechanism to synchronize orders created offline, and designed a conflict resolution strategy to maintain data integrity when two cashiers modified the same order simultaneously.
- Independently researched and benchmarked industry best practices to ensure the synchronization mechanism met high reliability standards.
- Also contributed to a logistics advertising application, building cross-platform features for mobile using Svelte and Capacitor.

Stack: Flutter, SQLite, Svelte, Capacitor, TypeScript

Frontend Web Developer — Nusatech, Semarang Jan 2023 – Nov 2023

- Maintained admin dashboard applications serving various end-user applications using Vue 2 and 3 with class component.
- Developing pixel-perfect landing page for coin exchange with websocket implementation for listing latest transaction.
- Developing map-based election hub to show potential voter by region.

Stack: Vue.js, Mapbox

Frontend Web Developer — GeekGarden Software House, Sleman Feb 2022 – Jan 2023

- Maintained an accounting application built with Vue.js and Vuetify, creating custom Vuetify components to meet client-specific needs.
- Developed a gold pawn application from scratch to release using Vue within a Laravel + Inertia + Vue monolith.
- Contributed to an online store for a toy-collection client, handling purchase orders on the admin side and the shopping cart on the end-user side.

Stack: Vue.js, Nuxt.js, Vuetify, Laravel, Inertia

Freelance Software Developer — Freelance Apr 2021 – Dec 2024

- Developed frontend applications for catering and dating platforms using Vue.js.
- Built REST APIs for a tea packaging distribution application, consumed by Flutter and React developers, using Laravel.
- Developed end-to-end transaction features for a ticket recording application used by a ticketing service provider, using Next.js.

Stack: Vue.js, Laravel, Next.js

Projects

Dompet

A personal finance application built on double-entry bookkeeping principles. Architected with an offline-first approach using Flutter and SQLite, featuring a robust backup/restore system to Google Drive with data integrity verification and safe rollback mechanisms. Includes comprehensive developer documentation built with VitePress (Vue) and a CI/CD pipeline for automated releases.

Demonstrates end-to-end software engineering capability—from designing a resilient offline-first architecture and implementing secure data backup to setting up CI/CD pipelines and writing technical documentation. This self-driven project reflects a strong commitment to building stable, production-ready applications.

Stack: Flutter, sqflite

Education

High School, Natural Sciences — SMA N 12 Semarang, Semarang 2015