

MUHAMMAD FADHIL HIDAYATULLAH

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SUMMARY

A results-driven Web Developer and Informatics Engineering graduate from Brawijaya University (GPA 3.82/4.00) with a strong foundation in full-stack development and mobile applications. Currently serving as a Jr. Web Developer at ESCO Lifescience, where I have successfully engineered complex features such as an AI-powered translation system and a chemical calculation mobile app. Proficient in modern frameworks including Next.js, React, Laravel, and Flutter, with a proven track record of implementing clean architecture and scalable solutions. Passionate about leveraging cutting-edge technology to solve business challenges and enhance user experiences.

EDUCATION

09/2024 – 02/2025

[Purwadhika Digital Technology School](#)

- Full Stack Web Developer Bootcamp
- Completed an intensive program focused on the MERN stack (MongoDB, Express, React, Node.js) and Next.js.
- Developed production-ready web applications, mastering both front-end interactivity and back-end logic, including RESTful API integration and database management.

2020 – 2024

[Brawijaya University](#)

Bachelor's degree, Informatics Engineering
GPA 3.82/4.00

EXPERIENCE

06/2025 - Present

[ESCO Lifescience – Jr. Web Developer](#)

- Web Development (Laravel, Vue.js): Leading the maintenance and feature enhancement of the main corporate website. Engineered a custom hybrid translation system integrated with the DeepL API, replacing standard Google Translate to provide high-accuracy localization for technical scientific content.
- Mobile Development (Flutter): Spearheaded the development of "Filtracheck," a specialized cross-platform mobile application. Implemented complex chemical calculation algorithms to provide automated, tailored product recommendations based on strict user safety requirements.
- System Optimization: Improved website performance and SEO by optimizing asset delivery and refining database queries in a Laravel-based environment.

02/2025 – 05/2025

[ESCO Lifescience - Software Engineer Intern](#)

- Assisted the engineering team in developing internal web tools using React and Node.js.
- Contributed to the migration of legacy components to modern frameworks, ensuring better code maintainability and user interface consistency.
- Participated in daily stand-ups and sprint planning, gaining hands-on experience in Agile development methodologies.

02/2023 – 06/2023

M-KNOWS CONSULTING - iOS Developer Intern

- LMS Development: Contributed to the full-stack development of "Kampus Gratis," a large-scale Learning Management System platform aimed at providing accessible education across Indonesia.
- Feature Engineering: Engineered core functionalities for both user and administrative interfaces, ensuring seamless navigation and efficient content delivery for thousands of active learners.
- Collaborative Development: Worked closely with cross-functional teams in an Agile environment to identify and resolve technical bottlenecks, significantly improving platform stability and user engagement.

PROJECT

01/2026

Revamp RAG Chatbot for escolifesciences.com

- Tech Stack: Next.js, Prisma, PostgreSQL, Docker
- Spearheaded the front-end revitalization of the company's Retrieval-Augmented Generation (RAG) chatbot, delivering a modern, interactive, and user-centric UI to enhance stakeholder engagement.
- Containerized the application using Docker for consistent deployment environments and optimized data workflows with Prisma ORM and PostgreSQL for high-performance query handling.

01/2026

Assessment Escolab – Learning Management System

- Tech Stack: Next.js, MongoDB, Clean Architecture
- Engineered a full-stack Learning Management System (LMS) designed for corporate training, implementing a responsive user interface and a robust administrative dashboard for course management and user assignment.
- Developed the application adhering to Clean Architecture principles and React best practices, ensuring high code maintainability, scalability, and a seamless cross-platform user experience.

09/2025

Filtracheck App

- Tech Stack: Flutter, Dart
- Developed a high-performance cross-platform mobile utility for laboratory professionals to automate complex chemical safety calculations.
- Engineered custom algorithms to generate precise product recommendations based on safety requirements, improving accuracy and decision-making speed.

06/2025

Translations Feature for Corporate Website

- Tech Stack: Laravel, Vue.js, DeepL API, MySQL
- Architected a custom hybrid localization system to manage multi-language content across the corporate web ecosystem.
- Integrated DeepL API for automated high-quality translations and built a CMS interface for manual overrides to ensure 100% accuracy in technical terminology.

03/2025

Internal Corporate Chatbot

- Tech Stack: Next.js, Express, OpenAI API
- Built a full-stack AI-driven analytics chatbot featuring Role-Based Access Control (RBAC) for executive and sales teams.
- Enabled natural language querying of real-time financial data, streamlining the generation of automated revenue reports and data-

driven insights.

02/2025

Approval Web App

- Tech Stack: Next.js, Express, Node.js
- Designed and implemented an internal validation system to replace manual database inspections with a centralized monitoring dashboard.
- Enhanced data integrity and operational efficiency by allowing stakeholders to review, compare, and approve critical records through a unified interface.

04/2025

Freshbasket - Online Groceries Website

- Tech Stack: Next.js, TailwindCSS
- Developed a scalable e-commerce platform tailored for the Indonesian grocery market, focusing on high availability and user convenience.
- Implemented location-based product listings and optimized search filters to provide a personalized and relevant shopping experience for local users.

01/2025

Event Management Platform

- Tech Stack: Next.js, Node.js
- Created a comprehensive ticketing and event discovery platform, enabling promoters to manage events and users to purchase tickets seamlessly.
- Integrated secure authentication and dynamic promoter dashboards, significantly increasing local event visibility and user engagement.

01/2025

Company Profile Website

- Tech Stack: React, TailwindCSS
- Developed a modern, professional web presence for a corporate entity, focusing on brand identity and seamless information architecture.
- Implemented a fully responsive design and optimized asset delivery to ensure a consistent experience across all devices and browsers.

01/2025

Auto Insight – Blog

- Tech Stack: Next.js, Contentful CMS, Vercel
- Engineered a dynamic automotive industry blog utilizing a Headless CMS (Contentful) for streamlined content delivery and management.
- Optimized for performance and SEO, ensuring fast loading times and a responsive reading experience across all devices.

12/2024

Personal Portfolio Website

- Tech Stack: Next.js, TailwindCSS, Framer Motion
- Engineered a high-performance personal brand showcase featuring responsive design and fluid interactive animations to demonstrate technical proficiency and project history.
- Optimized for SEO and fast loading times using Next.js server-side rendering, achieving high Lighthouse scores for accessibility and performance.

04/2023

Find House App

- Tech Stack: Flutter, Dart
- Built a dynamic real estate discovery application that simplifies the property searching process with integrated map views and advanced filtering.

- Optimized app performance to handle high-resolution image rendering and real-time location-based property updates.

02/2023

KampusGratis – Learning Management System

- Tech Stack: Flutter, Dart
- Developed a comprehensive cross-platform LMS mobile application aimed at democratizing education across Indonesia by providing prerequisite-free access to learning materials.
- Engineered a seamless user interface for content delivery, ensuring a stable and intuitive learning experience for a large-scale user base.

02/2023

Sarang Dating App

- Tech Stack: Flutter, Dart
- Architected a high-performance dating application featuring advanced matching algorithms and a secure, real-time end-to-end chatting system.
- Focused on delivering a streamlined user journey and robust data privacy to facilitate genuine user connections.

11/2022

FavFood's – iOS Food Ordering Application

- Tech Stack: SwiftUI, Swift
- Developed a native iOS application designed for high-speed food and beverage ordering from local vendors.
- Implemented a user-friendly interface with extensive menu customization features and a simplified checkout flow to enhance the mobile dining experience.

CERTIFICATES

11/2022 – 12/2022	SwiftUI & iOS Engineer: The Complete App Development Bootcamp BuildWithAngga
02/2023 – 03/2023	Flutter App Developer: Dating Apps BuildWithAngga
03/2023 – 04/2023	State Management Bloc Flutter Course Udemy
04/2023 – 05/2023	Dart & Flutter Development Bootcamp: Find House App BuildWithAngga
06/2023 – 07/2023	Dart Programming Bootcamp BuildWithAngga
06/2023 – 07/2023	Flutter Mobile Apps Course BuildWithAngga
06/2023 – 07/2023	Flutter Developer: Basic State Management BuildWithAngga

SKILLS

Hard Skill

- Javascript
- Java
- Swift
- HTML & CSS
- UI Design (Figma)
- Office (Word, Excel, and PowerPoint)
- Typescript
- Dart
- Flutter
- NextJs
- NodeJs
- Php
- TailwindCSS
- MySQL
- React
- Laravel
- Vue

Soft Skill

- Problem Solving
- Work Ethic
- Creativity
- Communication
- Public Speaking
- Critical Thinking
- Analytical Thinking
- Teamwork
- Initiative
- Presentation

LANGUAGES

Native	Indonesian
Intermediate	English