

MUHAMMAD HENRY ADITYA

Software Engineer | Fullstack Web Developer | Machine Learning Engineer
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PROFILE

I am Muhammad Henry Aditya. Dedicated, adaptable web/AI developers with 1 year of hands-on experience in front-end and back-end web development. Proven ability to work effectively in a team, striving to solve problems collaboratively. Committed to personal and team success, with a strong drive to achieve outstanding results in every project undertaken. In addition to my abilities in website/AI development, I also emphasize other valuable skills, such as project management and problem-solving that will help me improve. I'm also excited to learn new aspects of web/AI development to stay updated with the latest advancements in the field, especially for smart and effective web development.

EDUCATION

LAMBUNG MANGKURAT UNIVERSITY

Bachelor Degree of Computer Science | 2022 – 2026 | GPA: 3.94/4.00

EXPERIENCE

PT. Setiap Hari Dipakai (Evermos)

Project-Based Virtual Internship: Backend Developer Evermos x Rakamin Academy October 2025

- Designing and implementing the backend architecture for the Evermos API using Golang (Fiber), GORM, and MySQL.
- Developing core backend modules for supporting an effective Evermos API E-commerce System more than 80%.

Information and Communication Technology Academic Support Unit, ULM

Junior Machine Learning Engineer, Fullstack Web Developer Banjarbaru, South Kalimantan
September 2025 – October 2025

- Managing pre-processing of criticism data and service suggestions at Lambung Mangkurat University, Improve data analysis efficiency by refining structure and validation before the next stage, thereby accelerating the evaluation process by up to 80%.
- Develop innovative LLM machine learning models for topic and sentiment analysis in the SIAKSA ULM system (Criticism and Suggestion Analysis System, ULM), with a language structure clear and focused.
- Developing Docker images as the main foundation of API systems with standard implementation professional technical skills.

PT. Hacktivate Teknologi Indonesia

Developer React.js Front-end of Independent Study Program September 2024 – December 2024

- Participate as a Student of the Independent Study Program (MSIB)
- Developing E-Commerce Front-end Web Applications based on React.js

PT. Ruang Algo Multimatics

Front-end Website, Back-end Website, QA Engineer Banjarbaru, South Kalimantan
February 2024 – June 2024

- Develop a Restful API that supports integration and management of various website efficiently.
- Collaborate with cross-functional teams to develop responsive websites that optimized across a wide range of desktop and mobile devices, ensuring a consistent and professional user experience.
- Implement a single-page application based on Nuxt JS to improve 50% performance and user experience innovatively and efficiently.
- Professionally test the functionality and reliability of web application features and API services.

CV. Iqromaya Global Mandiri

Independent Campus Entrepreneurship (WMK) Internship Banjarbaru, South Kalimantan
October 2023 – December 2023

- Collaborate with more than 10 MSME groups and the South Kalimantan Provincial Government in the preparation of MSME catalogues by digitising on a website.

PROJECT

Evermos API – A Backend Service for Evermos E-Commerce System (PT. Setiap Hari Dipakai)

- Developing core backend modules for e-commerce system, such as user management, JWT service, stores, products, categories, transactions, and regional data (provinces and regencies) with a clean RESTful API based RBAC.

SIAKSA ULM – Criticism and Suggestion Analysis System of Lambung Mangkurat University (UPA TIK, ULM)

- Combines Laravel Filament and Flask APIs for critical analysis and campus service recommendations.
- Develop LLM machine learning models with text data processing using various tools such as MS Excel.
- Build a Python-based sentiment and topic analysis system.

MHStore – An E-Commerce Front-end Web Application (PT. Hacktivate Teknologi Indonesia)

- Finishing capstone project related to my MSIB Programme in PT. Hacktivate Teknologi Indonesia, MHStore, with a 75% cleaner front-end look.
- MHStore is a modern e-commerce web application built with ReactJS + Vite and styled using Tailwind CSS with Flowbite-React components.

Digi Klinik – Beauty Clinic Management System (PT. Ruang Algo Multimatics)

- Contribute to the development of the article's application front-end features by designing and implementing a friendly and responsive user interface to improve the user experience.
- Playing a role in creating and improving the API of the LoopBack 4 (Typescript) system for Digiklinik, including efficient API endpoint creation, troubleshooting, and performance optimization so that data interaction between front-end and back-end runs 90% smoother.

SMP – Government Supervision Management System (PT. Ruang Algo Multimatics)

- Develop front-end features of user and employee management applications with intuitive interface design and responsive design principles to improve 80% usability.
- Contribute to the development and improvement of the LoopBack 4 back-end API for SMP (Typescript), including robust API endpoint creation, debugging, troubleshooting, and backend performance optimization.

PORTFOLIO

- <https://mh-store.vercel.app> – React.js-based e-commerce web application project (MHStore)
- <https://mha-portfolio.vercel.app> – Nuxt.js-based personal portfolio

ORGANIZATIONAL EXPERIENCE

HIMAKOM - Information Technology Development (PTI)

January 2024 – December 2024

Member of Information Technology Development Division (PTI)

SKILLS

- Office Applications: Word, Excel, PowerPoint, PowerBI
- Common Language Programming: Java, JavaScript, Typescript, PHP, Python, Node.js
- Machine Learning Development: Pandas, TensorFlow, Matplotlib, YOLO, BERT, BERTopic, IndoBERT
- Website Development: HTML, CSS, MySQL, Vue.js, Nuxt.js, React.js, Next.js, Laravel 12, Loopback 4
- Other skills: Linux CLI for Remote Server, Git

LANGUAGE

- Indonesia Language
- English

CERTIFICATION

- Dicoding Indonesia: Learning to Create a Web Front-End for Beginners
- Dicoding Indonesia: Learn the Basics of Web Programming
- IBM: Web Development Fundamentals
- Codepolitan : Certificate of Fast Learning Class Vue.js
- Digital Talent Scholarship: Mastery Deep Learning
- Dicoding Indonesia: Learning Machine Learning for Beginners
- Dicoding Indonesia: Learning the Basics of AI
- Dicoding Indonesia: Learn the Basics of Data Visualization
- Dicoding Indonesia: Getting Started with Programming with Python