

Devies Ade Irawan

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SUMMARY

Computer Science student at the University of Jember with strong expertise in Laravel and proficiency in modern backend development. Skilled in building, testing, and deploying web applications using PHP, MySQL, RESTful APIs, and Git version control. Currently expanding front-end capabilities with React.js and enhancing problem-solving skills through machine learning fundamentals. Experienced in collaborating within team projects, implementing clean and maintainable code, and optimizing application performance. Highly motivated to contribute to software development projects, adapt to new technologies, and grow professionally in full-stack development. Core Competencies: Laravel, PHP, MySQL, RESTful APIs, React.js, JavaScript, Git, Backend Development, Frontend Integration, Machine Learning Basics, Software Deployment.

EDUCATION

University of Jember

Major in Computer Science

August 2023 – Present

- **GPA 3.60/4.00**

- **Related Coursework:** Data Structures & Algorithms, Web Development, Software Engineering, DevOps Engineering, Database Systems, Database Programming, Artificial Intelligence, Computational Intelligence, Machine Learning, Graph Theory, Computer Networks.

SMK Telkom Malang

Apr 2020 – May 2023

Major in Software Engineering

- Completed final competency assessment (UKL) by developing a Laundry Web Application using PHP, demonstrating skills in web application development and database management.
- Built an Online Game Top-Up Website using PHP as part of daily coursework, enhancing proficiency in web development, user interface design, and transaction handling.
- Developed a Point of Sale (POS) System for a café using the Laravel framework during the final skills exam (UKK), focusing on user-friendly design, secure transaction processing, and full-stack web development.

ORGANIZATIONAL AND EVENT EXPERIENCE

Software Engineering Laboratory

Apr 2024 – Present

Research Assistant

Jember, Indonesia

- Assisting in software development and research projects within the Software Engineering Laboratory.
- Actively involved in multiple faculty-led research projects, contributing to design, coding, testing, and documentation of applications.
- Supporting the development of innovative software solutions and ensuring code quality through version control and collaborative tools.
- Collaborating with fellow students and faculty members to achieve project milestones and deliverables.

UKM Linux and Open Source

Dec 2023 – Dec 2025

Programming Staff

Jember, Indonesia

- Contributing to the development of digital solutions and automation tools for organizational needs.
- Skilled in coding, problem-solving, and implementing open-source technologies to support innovation.
- Collaborating with team members to maintain and improve software projects, ensuring reliability and efficiency.

PT Telkom Akses Kediri

May 2022 – Nov 2022

IT Support

Kediri, Indonesia

- Compiled and managed employee data to ensure accurate **database entry** and maintenance.

- Developed a **PHP-based web application** to convert and export data into Excel format, improving **data processing efficiency**.
- Assisted in streamlining data workflows and supporting IT operations within the company.

PROJECT

ESD MATH

Backend Developer

Agust 2025

Jember, Indonesia

- Served as a Backend Developer in the development of ESD MathPath, an interactive digital platform for contextual mathematics learning
- Developed backend services to support user authentication, problem management, and learning progress tracking
- Implemented APIs to handle contextual math problems connected to digital map-based locations

IBP Academy Website

Fullstack Developer

Agust 2025

Jember, Indonesia

- Collaborated with a team to develop a Learning Management System (LMS) website for Industrial Business Project (IBP) 2025, an international competition and innovation platform
- Built a web-based LMS to support education, talent incubation, and competition management
- Implemented features for course materials, participant management, and activity tracking

BBRI Stock Price Prediction

Machine Learning

Agust 2025

Jember, Indonesia

- Developed an LSTM-based model to predict Bank Rakyat Indonesia (BBRI) stock prices using historical time-series data
- Collected and processed stock price data from Yahoo Finance, including data cleaning and normalization
- Implemented sequence generation for time-series modeling
- Trained and evaluated the LSTM model to learn price trends and patterns

Sapardi – Sahabat Pintar Petani Padi

Fullstack Developer

Apr 2025

Jember, Indonesia

- Developed Sapardi, an AI-powered chatbot assisting farmers with questions about rice cultivation and plant diseases.
- Implemented object detection for paddy plants using YOLO, integrated with Laravel backend and Inertia + React frontend for interactive and responsive UI.
- Contributed to research and development, ensuring accurate disease identification and helpful recommendations for farmers.
- Focused on improving agricultural literacy and providing a digital solution to support smart farming practices.

E-Commerce Holiday

Fullstack Developer

Jan 2025

Malang, Indonesia

- Built a web-based e-commerce platform with distinct functionalities for buyers, sellers, and admins.
- Integrated Midtrans as the payment gateway to facilitate secure online transactions.
- Managed product listings, user roles, and transaction workflows to ensure smooth platform operations.

resQfood Frontend

Frontend Developer

Dec 2024

Jember, Indonesia

- Developed the frontend of a web application designed to reduce food waste by selling near-expiry food at discounted prices.
- Built using Next.js, focusing on responsive UI, interactive components, and seamless user experience.

Ventix – Event Ticketing Platform

Mar 2025

Fullstack Developer

Jember, Indonesia

- Developed a web application for event organizers to sell tickets online, functioning like a marketplace for events.
- Implemented full-stack features including ticket management, user registration, payment integration, and QR code check-in for events.
- Collaborated with a team to ensure UI/UX responsiveness, secure transactions, and real-time data updates.
- Focused on providing a seamless experience for event organizers, attendees, and admins, supporting multiple roles and permissions.

Tani Alpukat Sidorejo APP

Nov 2024

Fullstack Developer

Jember, Indonesia

- Developed a web application to support marketing and sales of avocados from farmer groups in Desa Sidorejo.
- Implemented features for stock management, order processing, and online product promotion, increasing market reach and operational efficiency.
- Built using Laravel, Inertia.js, and React, ensuring responsive UI, secure data handling, and seamless backend integration.
- Collaborated with team members to deliver a scalable and user-friendly platform for farmers and consumers.

Greenloops APP

Nov 2024

Fullstack Developer

Jember, Indonesia

- Developed a web platform focused on selling eco-friendly products, helping consumers find sustainable options and enabling sellers to market green products online.
- Implemented product listing, category management, search functionality, and online purchase flows.
- Ensured responsive design, secure transactions, and user-friendly interface using Laravel, Inertia.js, React, and MySQL.

Prokerku APP

Nov 2024

Fullstack Developer

Jember, Indonesia

- Developed a mobile application to manage organizational programs and activities, providing a centralized platform for tracking tasks, schedules, and member responsibilities.
- Built using React Native and Expo, ensuring cross-platform compatibility, responsive UI, and smooth navigation.
- Implemented features for task assignment, progress tracking, and notifications, improving team coordination and efficiency.
- Collaborated with team members to deliver a user-friendly and scalable solution for organizational management.

SKILLS & CERTIFICATION

Technical skills

- **Frontend:** HTML, CSS, JavaScript, React, Next.js, TypeScript
- **Backend:** PHP, Laravel
- **Database & Tools:** MySQL, PostgreSQL, Firebase
- **Other Skills:** RESTful API Development, Full-Stack Web Development

Soft Skills

- Critical Thinking, Problem-Solving, Adaptability, Teamwork & Collaboration

Certifications

- [**MTA: Introduction to Programming Using HTML and CSS**](#) — Microsoft, Dec 2021 | Credential ID: ynEB-uTYP
- [**Information Technology Specialist in JavaScript**](#) — Certiport, Dec 2022 | Credential ID: ry8W-uSrG
- [**Indonesian Language Proficiency Test**](#) — Language Development and Fostering Agency, Feb 2023 | Credential ID: SD-BB-0271595
- [**UKK Laravel Blade**](#) — DOT Indonesia, Apr 2023 | Credential ID: UKK.29.2

