



ELLOK ANANDA MADYA PRATIWI

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Malang, East Java, Indonesia

Experience in IT application development, particularly using Laravel, with involvement in system-based data processing to support operational workflows. Experienced as a Computer Programming Laboratory instructor and practicum coordinator with strong organizational, communication, and problem-solving skills. Fast learner, detail-oriented, and able to work effectively in teams. Familiar with React Native and Next.js.

Work Experience

Budi Sehat Sentra Diagnostika - Surabaya

Oct 2025 - Jan 2026

Process Admin

- Monitored medical check-up results for individual patients and corporate clients through systematic tracking and verification, to ensure accuracy and timely follow-up.
- Assisted doctors in preparing medical check-up attendance lists and summary reports, including identifying potential critical findings, to support clinical review and patient care decisions.
- Prepared pricing for medical check-up examinations for each activity based on service scope and requirements, to support accurate billing and administrative processes.
- Prepared and organized medical check-up results in both hard copy and soft copy formats for packaging and delivery, to ensure secure and timely distribution to patients.
- Processed and analyzed medical check-up data using Microsoft Excel by applying formulas (such as VLOOKUP/HLOOKUP, IF, and basic data validation), to improve data accuracy, reporting efficiency, and administrative decision-making.

Kecamatan Singosari - Malang

Mar 2024 - Apr 2024

Internship

- Developed an Archive and Document Management web application using Laravel and structured database design, to improve document organization, retrieval accuracy, and operational efficiency.
- Contributed to feature development and system performance optimization through code refactoring and functional enhancements, to ensure system reliability and scalability.
- Supported system testing, debugging, and technical documentation using structured test cases and clear documentation standards, to ensure usability, data accuracy, and smooth system adoption.

PT. Global Media Nusantara - Bandung, Indonesia

Aug 2020 - Oct 2020

Internship

- Developed a promotional website for the Earthquake-Resistant House product using web-based technologies, to increase product visibility and support digital marketing initiatives.
- Designed the website UI using user-centered UI/UX design principles, to improve usability, visual consistency, and overall user experience.
- Designed and implemented a ChatBot using the company's proprietary platform, to enhance customer service efficiency and improve response accuracy.

Education

National Institute of Technology Malang - Malang

Sep 2021 - Feb 2025

Bachelor of Informatics Engineering, 3.80/4.00

- Beasiswa (2021): Awardee of the KIP Kuliah Scholarship for undergraduate study at the National Institute of Technology Malang.
- Bachelor's Thesis : A Recommendation System for Senior High School Tracks and Specializations Using the TOPSIS Method at SMP Negeri 11 Malang

Organization Experience

Computer Programming Laboratory Assistant - Malang

Sep 2022 - Feb 2023

Object-Oriented Programming Practicum Coordinator

A leader responsible for ensuring the smooth execution of practicum sessions and coordinating with lecturers regarding the materials to be taught.

- Oversaw all Object-Oriented Programming practicum activities through structured planning and session coordination, to ensure effective practicum execution and achievement of learning objectives.
- Prepared teaching materials and practicum modules using curriculum-aligned content and clear instructional structure, to support consistent learning delivery and student understanding.
- Led workshops and provided technical guidance through interactive instruction and hands-on demonstrations, to strengthen students'

understanding of Object-Oriented Programming concepts.

- Coordinated with lecturers through regular communication and curriculum review, to align practicum content with academic standards and course objectives.

National Institute of Technology Malang - Malang

Oct 2021 - Sep 2024

Computer Programming Laboratory Assistant

Assisted lecturers in programming practicums and guided students in debugging and problem-solving. Acted as a tutor in preparing practicum reports while strengthening technical and mentoring skills.

- Assisted lecturers and instructors in conducting programming practicums through coordinated session support and instructional assistance, to ensure smooth and effective practicum execution.
- Provided technical guidance to students by explaining programming concepts, debugging techniques, and software usage, to improve problem-solving skills and practicum performance.
- Prepared and managed laboratory hardware and software using structured setup, configuration, and maintenance procedures, to ensure system readiness and minimize technical disruptions during practicum sessions.
- Supported students in preparing practicum reports by guiding documentation structure and technical content, to ensure accuracy, clarity, and compliance with academic standards.
- Taught and supervised students during practicum sessions using hands-on instruction and performance monitoring, to enhance learning outcomes and practical skill development.
- Conducted pre-practicum workshops through structured training sessions and learning materials, to equip students with the required knowledge and technical skills before practicum activities.

Skills & Achievements

- **Soft Skills:** Analytical thinking, problem-solving, effective communication, teamwork and collaboration, time management, adaptability, leadership.
- **Hard Skills:** Laravel Framework, React Native, Next.js, PHP, Java, HTML, CSS, Bootstrap, JavaScript, MySQL, Git & GitHub, REST API development, Object-Oriented Programming (OOP), Microsoft Office (Word, Excel, PowerPoint, Access).
- **TOEFL** 🇺🇸 (2025): 600
- **Coding Camp Software Engineering - Revou - 2025** 🇺🇸: Intro to Software Engineering
- **MySkill Short Class - MySkill - 2025** 🇺🇸: Pivot Table in Microsoft Excel