

ROSIDAH RAHMATI

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PROFILE

Informatics graduate from Diponegoro University with a GPA of 3.85/4.0 and hands-on experience building full-stack web systems using Laravel, PHP, MySQL, and REST APIs, including a live auction platform and a Civil Servant training registration system for the Central Java Provincial Government. Experienced in backend development, database design, API integration, and cloud deployment on Oracle Cloud. Complementary background in data preprocessing and machine learning modeling using Python.

WORK EXPERIENCE

BPSDMD Provinsi Jawa Tengah

Jan 2025 – Jun 2025

Full Stack Developer Intern | Central Java, Indonesia

- Rebuilt a legacy native PHP training registration system for Civil Servants (ASN) into a structured Laravel and MySQL web application, enabling centralized admin-side training management.
- Took ownership of the full admin-side module, delivering 28 use cases across training management, participant validation, certificate generation, dashboard analytics, and user management.
- Integrated MANTRA API from the Central Java Provincial Government to automate ASN identity validation, reduce manual participant data entry, and improve data accuracy.
- Designed 3 core relational database tables and executed 144 black-box test scenarios to verify role-based access, input validation, data filtering, and workflow accuracy before handover.

SELECTED PROJECTS

PT. Tempus Collective Indonesia | Thesis Collaboration

Nov 2025 – Feb 2026

Full Stack Developer | Batam, Indonesia

- Built Tempus Auctions, a web-based auction platform extending Tempus Collective's fixed-price model into a real-time bidding platform using Laravel and MySQL, deployed to a live production subdomain.
- Delivered end-to-end auction workflow across 4 roles (Guest, Bidder, Admin, Superadmin): catalog browsing, bidding, scheduling, winner transactions, and admin management.
- Engineered anti-sniping logic, bid validation, email verification, payment checkout, and shipping cost calculation across 17 use cases validated by 161 black-box test scenarios.

SiGMA – Semester Study Plan Registration System

Aug 2024 – Dec 2024

Full Stack Developer | 1st Place, Capstone Project Achievement

- Built the Academic Advisor module for a Laravel and MySQL academic capstone project simulating a university semester study plan registration system.
- Delivered 4 core advisor workflows for IRS approval, revision permission, cancellation permission, and student recap, enabling advisors to review student submissions in a structured dashboard.
- Implemented filtering, status tracking, bulk approval, validation rules, and PDF printing to reduce repetitive manual review steps in the simulated advising process.
- Validated 8 functional workflows via black-box testing, resulting in a fully tested module and 1st place recognition in the Software Project course Capstone.

Academic Cloud Computing Project

Mar 2025 – Apr 2025

Developer

- Built a cloud deployment environment on Oracle Cloud Infrastructure using Ubuntu Server, Nginx, MySQL, PHP 8.2, Composer, and Node.js/npm to host a Laravel-based web application.
- Deployed and troubleshooted the Laravel application end-to-end, resolving environment, permission, PHP-FPM, and Node.js build issues until the system was accessible through a public IP.

Student Lifestyle Clustering App

Nov 2024 – Dec 2024

Machine Learning Project

- Built a Streamlit-based data application using Python, Pandas, Scikit-learn, and K-Means clustering to analyze student lifestyle, GPA, and stress-level data.
- Applied feature scaling and PCA visualization to group students into interpretable behavioral profiles.

SKILLS

Primary Stack: PHP (Laravel), JavaScript, Python, MySQL

Frontend: HTML, CSS, Tailwind CSS, Bootstrap, Blade

Tools & DevOps: Git, GitHub, Postman, Nginx, Oracle Cloud (OCI), Figma

Data & ML: Pandas, Scikit-learn, Streamlit, Data Preprocessing, Data Visualization

Methodologies: REST API Integration, SDLC, Agile, Waterfall, Black-Box Testing, Database Design

Soft Skills: Analytical Thinking, Problem Solving, Team Collaboration, Attention to Detail, Adaptability, Willingness to Learn

EDUCATION

Diponegoro University | Bachelor of Informatics

Aug 2022 – Mar 2026

- GPA: 3.85/4.0
- Relevant Courses: Programming and Algorithms, Data Structures, Database Management, Object-Oriented Programming, Software Engineering, Software Project, Platform-Based Development, Cloud Computing, Software Testing, Software Architecture, Algorithm Strategies and Analysis, Human-Computer Interaction, and Project Management.

ORGANIZATION EXPERIENCE

BEM FSM Diponegoro University

Mar 2023 – Dec 2023

Organizational Quality Assurance Team (Tim PMO)

- Supported the Assessment & Evaluation Division in monitoring BEM FSM staff performance and strengthening organizational accountability.
- Supervised staff under the Dinamika Kampus coordinator area across 2 divisions: Harmonisasi Kampus and Kesejahteraan Mahasiswa, to track work-plan progress and follow-up actions.
- Managed PMO treasury records and budget tracking for internal program accountability.

CERTIFICATIONS

- Alibaba Cloud Certified Associate in Cloud Computing – Alibaba Cloud, 2024
- Database Programming with SQL – Oracle Academy, 2024
- Database Design – Oracle Academy, 2023

LANGUAGES

- Indonesian – Native
- English – Intermediate