

Muhamad Ropi Haedar

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Soreang, Bandung, West Java

PROFILE

Software Development graduate from SMK Yadika Soreang, majoring in Software and Game Development (PPLG), focused on web development and software engineering with experience in Laravel, React.js, and MySQL. Completed a four-month internship at PT Zahir Accounting, Bandung, contributing to internal web application development, database management, technical troubleshooting, and IoT-related projects. Proficient in PHP (Laravel), JavaScript, HTML/CSS, React.js, MySQL, Git, and modern development tools such as Antigravity IDE. Experienced in building practical digital solutions while developing strong technical and problem-solving skills.

EDUCATION

SMK Yadika Soreang - Software and Game Development (PPLG)

July 2023 - May 2026

- **Relevant Academic Average:** 93.40/100
- **Relevant Coursework :** Web Programming, Database Management, Software Engineering, Operating Systems, System Analysis & Design, IT Project Management, Game Development
- **Final Project:** Developed a web-based Tourism Information & Reservation System to digitize visitor registration and reservation processes in a more efficient, modern, and secure way.

WORK EXPERIENCE

PT Zahir Accounting - Bandung

Aug 2025 - Dec 2025

Software Developer - Intern

- Assisted with MySQL database management and data training using Python.
- Resolved software and hardware issues, improving system reliability by 30%, ensuring timely issue resolution and enhanced system reliability.
- Prepared detailed technical documentation and generated weekly reports, comprehensive documents to enhance team communication and project tracking.
- Contributed to IoT development projects, improving implementation efficiency.
- Engineered a Laravel-based internal scheduling Web Application, adopted by the team and supporting users daily.

ORGANIZATIONAL EXPERIENCE

Research & Technology Division Coordinator

Jun 2024 - Aug 2025

- Developed an ESP32-based remote-controlled car integrated with an HC-SR04 ultrasonic sensor for remote control and distance detection.
- Delivered learning sessions for students covering robotics, IoT, and Arduino IDE.
- Coordinated research and technology-related activities within the robotics extracurricular program, supporting the successful completion of multiple projects.

CERTIFICATIONS & TRAINING

Next IT Consultant - Winner Student Competency Competition (LKS), Web Developer Regency Level

Apr 2025

Telkom Indonesia - Junior Mobile Apps Development (Flutter)

Nov 2024

Junior Mobile Programmer - Junior Mobile Developer Competency Certification - LSP Teknologi Digital & BNSP

Jan 2025

TECHNICAL SKILLS

HARD SKILLS

- **Programming:** Python, PHP, JavaScript
- **Frameworks & Libraries:** Laravel, React, Tailwind CSS, Vite, Node.js
- **Databases & Backend:** PostgreSQL, MySQL, SQLite, Supabase, REST APIs
- **AI & APIs:** Prompt Engineering, Gemini API
- **Developer Tools:** Git, GitHub, VS Code, Composer, npm, Antigravity
- **Design & Productivity:** Figma, Canva, Microsoft Excel & Word
- **Core Skills:** Debugging, Problem Solving, Algorithms & Data Structures

SOFT SKILLS

- Team Work
- Communication
- Time Management
- Creativity & Innovation
- Technical Documentation

LANGUAGES

- Indonesian: Bahasa (Native)
- English: Intermediate (TOEIC: 850+)