

Maulina Sabrina

Junior Backend Developer / Junior Web Developer

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SUMMARY

Junior Backend Developer with experience building REST APIs and full-stack web applications using Node.js, Express, and Laravel. Familiar with authentication, CRUD operations, database-driven systems, and collaborative development through internships, academic projects, and laboratory assistance roles.

TECHNICAL SKILLS

Backend : Node.js, Express, Laravel (PHP), REST API, Authentication (JWT / session-based)

Frontend: React, HTML, CSS, Tailwind, NextJS

Databases: MySQL, PostgreSQL

Tools: Git, Github, Figma, Postman, Vercel, Railway

Soft Skill : Time Management, Communication, Teamwork & Collaboration

WORK & INTERNSHIP EXPERIENCE

Backend Developer Intern

Aug 2023 – Oct 2023

CV. Sejahtera Kemas

- Engineered a centralized Financial Management System using Laravel, transforming manual bookkeeping into a digital workflow that cut down data retrieval time and eliminated redundant paperwork.
- Implemented robust Role-Based Access Control (RBAC) for 4 distinct user levels, ensuring 100% data privacy enforcement and preventing unauthorized access to sensitive financial records.
- Developed strict backend validation logic for CRUD operations, which reduced user input errors to near-zero and maintained database consistency without manual cleanup.
- Collaborated with frontend team and documented backend workflows.

Laboratory Assistant — Informatics Engineering

Nov 2022 – Dec 2024

Universitas 17 Agustus 1945 Surabaya

- Mentored 200+ students per semester in Programming Fundamentals, guiding them through complex logic and intensive debugging sessions, which accelerated students' problem-solving speeds and increased the success rate of final projects.
- Created pre-practicum assessments and video tutorials to bridge the gap between theory and practice, which ensured student readiness and resulted in better concept retention, enabling students to effectively apply learned theories into code during live sessions.
- Managed administrative workflows (grading, attendance) for 4 consecutive semesters with 100% data accuracy, ensuring timely report submission to the faculty.
- Collaborated with a team of 2-4 assistants and the Head of Laboratory to ensure seamless lab operations, demonstrating rapid decision-making during unexpected incidents and actively contributing strategic recommendations for workflow improvements.

EDUCATION

Universitas 17 Agustus 1945 Surabaya

Aug 2021 – Aug 2025

Bachelor of Informatics Engineering – GPA : 3.70/4.00

ADDITIONAL EXPERIENCE

Independent Study Participant (MSIB)

Nov 2022 – Dec 2024

Ruangguru x Kampus Merdeka

- Developed high-performance backend services using Go (Golang), implementing Clean Architecture and RESTful APIs for the final capstone project.
- Collaborated in a cross-functional team (Frontend, Backend, AI) to integrate Machine Learning models into a functional web application, simulating a real-world software engineering environment.
- Applied industry-standard SDLC (Software Development Life Cycle) and Agile methodologies, using tools like Trello/Jira and Git for version control.

ACHIEVEMENT

Finalist — GEMASTIK XVI

2023

- Represented Universitas 17 Agustus 1945 Surabaya in a national competition.
- Developed a research project on camera-based software quality inspection for batik pattern, color, and size detection using digital image processing techniques.