

# Maulina Sabrina

## Web and Mobile Developer

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[maulina-sabrina-portofolio.vercel.app](https://maulina-sabrina-portofolio.vercel.app) | [github.com/maulinasabrina](https://github.com/maulinasabrina)

### SUMMARY

A passionate web and mobile developer with a strong interest in building efficient and meaningful digital experiences. As one of the youngest graduates (born in 2004), I've gained valuable experience through teaching, backend development, and continuous exploration of software engineering. Currently focusing on full-stack development projects using Next.js, I'm committed to lifelong learning and continuously enhancing my technical and problem-solving skills.

### EXPERIENCE

#### Laboratory Assistant

Nov 2022 – Dec 2024

Assisted in Programming Fundamentals, Digital Image Processing, and Computer Graphics

- Assisted courses, supporting 1000+ students and contributing to improved class performance.
- Facilitated lab sessions by delivering concise instructional segments and providing hands-on support, contributing to improved student engagement and understanding for students.
- Managed administrative tasks including attendance, grading, and report processing.
- Designed pre-tests, lab materials, and tutorial videos to enhance student learning.

#### Backend Developer Intern

Aug 2023 – Oct 2023

CV. Sejahtera Kemasan

- Developed a financial management system using Laravel (PHP) for internal operations.
- Designed role-based access (Admin, Finance, Warehouse, Manager) to align with company workflows.
- Implemented order input/output, invoicing, and reporting modules improving data flow efficiency.

#### Studi Independen Participant

Feb 2024 – Juli 2024

Ruangguru x Kampus Merdeka

- Learned backend development using Go (Golang) and applied it to AI-integrated projects.
- Gained soft skills in SDLC, project management, risk management, and presentation.
- Built a final integrated web project combining front-end, back-end, and AI model.

#### Finalist Karya Tulis Ilmiah

Sept 2023

GEMASTIK XVCIV

- Developed and presented a research paper on technology-driven innovation for Camera-Based Batik Quality Inspection System for Pattern, Color, and Size Detection.
- Selected as finalist among national university participants.

### EDUCATION

#### UNIVERSITAS 17 AGUSTUS 1945 SURABAYA

Aug 2021 – Aug 2025

- Informatics Engineering Department

### ORGANIZATIONAL EXPERIENCE

#### HIMPUNAN MAHASISWA TEKNIK INFORMATIKA (HIMATIFTA)

Feb 2022 - Jan 2023

- Managed communication and publication for organizational events.
- Served as secretary in several committees, drafting proposals and leading coordination meetings.

### TECHNICAL SKILLS

**Languages:** Python, PHP, JavaScript, SQL, C/C++, Dart

**Frameworks:** Laravel, Next.js, React, Flutter, Node.js

**Databases:** MySQL, Firestore, Sqlite

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

**Soft Skill :** Time Management, Communication, Teamwork & Collaboration