

# AYUB MAULANA

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## OBJECTIVE

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Full-Stack Software Engineer with experience in web application development, AI code evaluation, software testing, data validation, and automation workflows. Skilled in building responsive web applications with JavaScript, TypeScript, React, Next.js, Node.js, Python, SQL, and Tailwind CSS. Experienced in reviewing AI-generated code, identifying edge cases, writing validation scripts, debugging workflows, and delivering clear technical documentation.

## EDUCATION

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**Bachelor of Computer Science**, University of Muhammadiyah Malang 2018 – 2022

Relevant Coursework: Software Engineering, Database Systems, Web Development, Data Structures, Data Science

## SKILLS

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| <b>Programming</b>              | JavaScript, TypeScript, Python, SQL, HTML, CSS  |
| <b>Frontend</b>                 | React, Next.js, Svelte, Tailwind CSS, Responsive UI, Reusable Components, API Integration   |
| <b>Backend &amp; Data</b>       | Node.js, REST APIs, PostgreSQL/MySQL, MongoDB, Data Validation, Web Scraping                |
| <b>Testing &amp; Evaluation</b> | Test Case Design, Code Review, AI Code Evaluation, Edge Case Analysis, Debugging, QA        |
| <b>Tools</b>                    | Git, Webpack, Docker basics, VS Code, Figma, Google Sheets, Slack, Discord, Asana, Clockify |
| <b>Soft Skills</b>              | Analytical Thinking, Problem Solving, Communication, Teamwork, Critical Thinking            |

## EXPERIENCE

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**AI Data Trainer** May 2024 – Dec 2025  
*Alignerr* *Part-Time, US*

- Evaluated AI-generated code for correctness, functionality, readability, edge cases, and instruction-following quality across software engineering tasks.
- Reviewed frontend and full-stack coding outputs involving JavaScript, Python, SQL, APIs, testing logic, and web development concepts.
- Solved coding tasks and created validation scripts to verify expected behavior, detect inconsistencies, and improve dataset reliability.
- Analyzed broken or incomplete code responses, identified root causes, and provided structured technical feedback similar to code review workflows.
- Wrote clear explanations for code logic, implementation decisions, test failures, and quality issues to support AI model improvement.

**Data Scraper & Reviewer** Apr 2023 – May 2026  
*Foodstyles* *London, UK*

- Designed and maintained Python-based scraping workflows to collect, normalize, and validate structured data from multiple web sources.
- Built automation scripts for data extraction, cleaning, validation, and quality checks using Python, SQL, and spreadsheet-based reporting.
- Debugged scraping failures, inconsistent source structures, schema mismatches, and data pipeline issues to improve workflow reliability.
- Created repeatable QA processes to monitor data accuracy, completeness, formatting consistency, and recurring production issues.

- Collaborated with product and operations teams to translate business requirements into reliable data tooling, validation rules, and reporting workflows.

## **Software Engineer – Web Applications**

*Merchant.id*

Jul 2022 – Mar 2023

*Malang, Indonesia*

- Developed web application modules for a merchant order management platform, including order pages, dashboards, invoice views, product workflows, warehouse features, and reporting interfaces.
- Built and maintained frontend features using JavaScript, Svelte-style components, EJS templates, PHP-based pages, REST API integration, and Webpack asset bundling.
- Translated product requirements and UI designs into responsive, reusable, and maintainable interfaces for merchant-facing operational workflows.
- Integrated application pages with backend API endpoints to display dynamic order, product, customer, billing, warehouse, and report data.
- Debugged UI issues, API integration problems, validation errors, browser compatibility issues, and layout regressions across production-facing modules.
- Supported local development, deployment preparation, production updates, and software quality checks to improve platform stability and maintainability.

## **LICENSES & CERTIFICATIONS**

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**Frontend Web Developer Expert**, Dicoding

Apr 2022

**Web Developer**, Badan Nasional Sertifikasi Profesi

Sep 2022