

# MUHAMMAD BAGUS INDRAWAN

WEB DEVELOPER / QA ENGINEER

## Profile

Informatics Engineering student at Politeknik Negeri Malang with solid skills in backend development and quality assurance. In backend development, I work with several tech stacks such as Django, Next.js, and Laravel to build efficient, well-structured, and scalable systems. I also pay close attention to software testing and quality by using Cypress as my main tool in Quality Assurance (QA) practices. Additionally, I actively create test scenarios and test cases to ensure that each feature functions as expected and to minimize potential bugs from the early stages of development.

## Project Experience

Oct  
2023  
-

### Tertib App

Database Engineer

- Built a web application to monitor and manage student discipline at Polinema, including violation reports and a point-based discipline system.
- Developed using PHP Native for application logic and database integration

Jan  
2024  
-  
June  
2024

### SIRW (Sistem Informasi Rukun Warga)

Backend Developer

- Designed a web-based information system to assist local neighborhood administration (RW) in managing resident data, facilities, and incident reports.
- Implemented an efficient database to store and manage resident information

July  
2024  
-  
Dec  
2024

### AgePlay

Backend Developer

- A mobile application that predicts a user's age and gender from facial images to recommend suitable games.
- Contributed to backend architecture design, machine learning model integration, and Developed RESTful APIs using Django.

Jan  
2025  
-  
June  
2025


### Human Resource Information System


Quality Assurance

- Collaborated with CMLabs to ensure the quality and reliability of a web-based HR management system featuring employee databases, clock-in/out tracking, and letter request functionality.
- Responsible for creating and executing test plans, identifying bugs, and verifying fixes to maintain product stability across development cycles.




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## Education

**Politeknik Negeri Malang**  
Informatics Engineering  
2022-2026

**MAN 1 Kota Kediri**  
Science Major  
2019-2022

## Skills

- **Programming Languages:**  
JavaScript, TypeScript, Java, Python, PHP
- **Frameworks & Libraries:**  
Laravel, React, Next.js, Django
- **Tools & Platforms:** Figma, Laragon, Postman, Cypress
- **Other Skills:** Microsoft Office, Teamwork, Critical Thinking, Problem Solving