Fahridana Ahmad Rayyansyah

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I'm an undergraduate studying at State Polytechnic of Malang with experience using frameworks like React/Next, Svelte/Kit. I have also built projects with Laravel for backend development. Currently, I'm exploring mobile development with Flutter and diving into machine learning to expand my technical expertise.

Education

Politeknik Negeri Malang – Malang

Bachelor Degree of Informatics Engineering, GPA: 3.76/4.00

- Gained knowledge in Software Engineering, Object-Oriented Programming, and Database Management, with hands-on experience in developing scalable applications.
- Learned advanced concepts in Web Development, including both front-end and back-end technologies, and developed projects using frameworks and databases like PHP, Laravel, and MySQL.
- Gained expertise in Machine Learning, Computer Vision, and Mobile Programming, with practical experience in building applications and implementing AI algorithms.

Project Experience

Project Based Learning 4th Semester

- Worked with a teammate and used Git for version control to ensure smooth functionality and meet the administrative needs of the RW in Villa Bukit Tidar.
- Created Sawira, a web-based e-government application using Laravel, Bootstrap, and MySQL to improve community administration.
- Added features for managing archives, correspondence, and distributing zakat fitrah.
- Used Power BI to analyze data on citizen demographics and age distribution, helping administrators make better decisions.

Project Based Learning 3rd Semester

- Led the project as a Project Manager, using Scrum methodology and managing tasks effectively with Notion.
- Collaborated with a teammate using Git for version control to develop a room loan system, taking on both front-end and back-end web development roles
- Designed and implemented a responsive user interface using TailwindCSS to ensure a smooth user experience.
- Developed the back-end with native PHP, applying Laravel-inspired practices for clean and maintainable code, and used MySQL for the database.

Organizational Experience

Workshop Riset Informatika   Oct 2023 - Oct 2024

Web Developer Mentor

- Taught frontend web development technologies, including HTML, CSS, and JavaScript
- Assisted students in debugging code and developing effective programming solutions
- Supported students in completing complex web development assignments with improved coding techniques

Polinema Mengajar   Oct 2023 - Des 2023

Teaching Staff

- Helped children from 1st to 6th grade with their homework
- Explained academic subjects they found challenging
- Collaborated with other teachers to support students' learning

Skill

- **Hard Skills** : Javascript, Typescript, Java, PHP, ReactJS, Laravel, TailwindCSS, Bootstrap, Git, MySQL

- **Soft Skills** : Effective at analyzing and solving problems, working collaboratively in team projects, adapting to new environments, and organizing tasks to meet deadlines and complete project objectives.