MUHAMMAD AULIA RAHMAN

Gandok Wedomartani Ngemplak Sleman Yogyakrta Indonesia | **Nationality :** Indonesia
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PROJECTS AND EXPERIENCE

Full Stack Developer Pakaryan Heavy Rent Project   *October 2024 – Mei 2025*

- Architected and developed a full-stack web application from concept to deployment. The project utilized Next.js, TypeScript, and Tailwind CSS for a high-performance, responsive frontend, with Supabase providing the PostgreSQL database, authentication, and backend services. This combination resulted in a robust and fully integrated platform.

- Engineered the core rental marketplace feature by designing an efficient database schema for Equipment, Bookings, and Users. The system was built with a dynamic and modular user interface using reusable components like EquipmentCard and SearchBar to efficiently display and filter data based on type, brand, location, and availability.

- Implemented a comprehensive and secure user management system using Supabase Auth, enabling seamless user registration and login. A private User Dashboard was developed to allow authenticated users to view and manage their booking history and profile details, directly connecting frontend components to backend logic.

- Ensured robust integration between the client and server to enable key functionalities. This included an interactive multi-step booking system, real-time updates on equipment availability, and secure data handling, all of which were critical for a smooth user experience.

- Successfully executed a scalable deployment strategy, with the frontend hosted on Vercel and the backend services managed by Supabase. This established a reliable and scalable platform capable of supporting future features such as Google Maps integration and real-time notifications.

Full Stack Developer Housettle Web Project   *January – August 2024*

- Built and configured a full-stack development environment using the MERN Stack (MongoDB, Express.js, React.js, Node.js), and set up frontend libraries like Bootstrap to create a solid and scalable application foundation.

- Designed and developed a responsive user interface with reusable components (Header, Hero, buttons), while simultaneously implementing backend CRUD operations using Mongoose for models such as Categories, Items, and Banks.

- Developed comprehensive content management features by creating an intuitive admin dashboard, complete with secure user authentication and session management to ensure protected access control.

- Created a complex user flow for the Checkout page by designing a custom stepper component on the frontend, supported by a robust API on the backend to handle booking and data details, ensuring a seamless transaction process.

- Deployed the integrated frontend and backend applications to Vercel, and tested all APIs for the landing, detail, and booking pages to deliver a cohesive, functional, and reliable user experience.

Frontend Developer React js Calculator   **2022**

- Undertook a challenging task from FreeCodeCamp aimed at deepening understanding and proficiency in React JS by developing a fully functional web-based calculator.

- Designed and implemented a calculator application, replicating the functionalities of a standard calculator, including operations for addition, subtraction, multiplication, division, and handling decimal values.

- Utilized a combination of JavaScript, HTML, CSS, Bootstrap, and React JS to build the application, ensuring a clean, responsive, and user-friendly interface. The project involved writing custom JavaScript functions to accurately perform mathematical calculations, while React JS managed the dynamic rendering of components.

- Deployed the project on CodePen, a popular online code editor, allowing for real-time testing and iteration.

For More Projects and Codes of mine go to : https://github.com/Aul-rhmn

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CERTIFICATE AND TRAINING

Introducing Frontend Meta | Coursera   **2022**

- Distinguish between frontend, backend and fullstack
- Create and style a webpage with HTML and CSS
- Explain the core and underlying technologies that power the internet
- Explain what React is

Programing with Javascript Meta | Coursera   **2022**

- Demonstrate how to write JavaScript code inside the browser
- Explain the importance of JavaScript in software development
- Demonstrate how to write basic Javascript code: list common operators, conditional statements and loops
- Demonstrate how to use variables and output their values in the console

Version Control Meta | Coursera   **2022**

- Describe how modern software teams collaborate and work on the same codebase
- List different version control systems and methodologies
- Illustrate a standard software development workflow
- Navigate and configure using the command line
- Use and create github repository

HTML and CSS in depth Meta | Coursera   **2022**

- Create a simple from with a responsive layout using HTML and CSS
- Create a responsive layout using CSS
- Create a UI using Bootstrap
- Implement debugging tools

React Basics Meta | Coursera   **2022**

- Use reusable components to render views where data changes over time
- Organize React projects to create more scalable and maintainable websites and apps
- Use props to pass data between components. Create dynamic and interactive web pages and apps
- Use forms to allow users to interact with the app. Build application in React

Responsive Web Design | FreeCodeCamp   **2022**

- Learn and improve knowledge HTML, CSS and Bootstrap
- Design web to be responsive on several devices
- Complete several task related to HTML and CSS
- Build several web page projects

Javascript Algorithms and Data Structures | FreeCodeCamp   **2022**

- Learn and improve knowledge Javascript
- More deep in to logical and data structure in Javascript
- Complete several task related to Javascript
- Manage, analyses, create data structure in Javascript
- Build several web page projects

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ORGANIZATIONS

Health and Safety division on Students Orientation Committee   *Jun 2018 – Sep 2018*

- Managed and prepared logistic in medical needs for candidate students, other divisions committee lectures andguest stars.
- Coordinate with other divison for strong communication and cooperation
- Maintain the event went well by supervising on the field refers to schedule and jobdesc

Guiding Division on Togetherness Science Week Department   *Apr 2017 – Nov 2017*

- Guiding candidate students during the event to keep on schedule and lead the candidate studentswhere and whento go
- Coordinate and cooperate with other divisions to prevent miscommunication during the event
- Have a certain attitude with candidate students in order to build well communications and togetherness

EDUCATION

Universitas Islam Indonesia (UII) | Civil Engineering   *Aug 2016 – Jul 2021*

Area of Interest : Structure Design, Building Constructions, Consultant Engineer

- Graduated title *Cum laude* with GPA 3.67
- Teaching Assistant for Structure Analyze basic and Concrete Structure Advanced
  Thesis : Comparative Study of Structural Response on Multi-story Buildings with Shear Wall and Bracing Systems

LANGUAGES

- Indonesia (Native)
- English (Fluent/Professional)

SKILLS

React JS | HTML | Javascript | CSS | Bootstrap | Github | Figma | Microsoft | Web Developer | Frontend