

Muhammad Haikal Adityo

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Fifth-semester Software Engineering Technology student at Universitas Gadjah Mada with hands-on experience in integrating backend and frontend systems using Laravel. Proficient in PHP, Laravel, and API integration. Quick to adapt to new technologies and environments, with a strong ability to collaborate effectively in team settings.

EDUCATION

Bachelor of Applied Science - BASc Computer Software Engineering

Jan 2022 - Dec 2026

Sekolah Vokasi Universitas Gadjah Mada (SV UGM)

GPA: 3.79 of 4.0

Related subjects: Basic Application Project, Mobile Application Programming, Web Programming, Database, Object-Oriented Programming, Software Development Methods and Models, Software Architectures, Software Requirements Engineering, Software Analysis and Design

PROJECTS

PDU Drill Monitoring

Feb 2024 - Jun 2024

- **Developed a Real-Time Data API Using PHP:** Created a robust API to fetch real-time data from the drill's API, ensuring continuous and accurate data collection.
- **Integrated the API with the Front-End:** Collaborated with front-end developers to ensure seamless data flow and real-time updates on the website, enhancing the user experience.
- **Incorporated Real-Time Data Handling in HTML:** Embedded real-time data fetching mechanisms within the HTML to display updated metrics and information instantly.
- **Conducted Rigorous Testing and Debugging:** Performed extensive testing to identify and resolve issues, improving the performance and reliability of the API and overall system.
- **Visualized Data with User-Friendly Dashboards:** Designed and implemented intuitive dashboards and visualizations to help users monitor and analyze drill performance effectively.
- **Output Project:** Real-Time Drill Monitoring Website.

Cinurawa Company Profile

Aug 2023 - Dec 2023

- **Implemented Laravel Filament:** Built a robust and user-friendly admin panel using Laravel Filament.
- **Integrated Database with Front-End:** Ensured seamless data flow and user experience by integrating the database with the front-end.
- **Collaborated with Front-End Developers:** Worked closely with front-end developers to integrate user interfaces with server-side logic. **Conducted Testing and Debugging:** Identified and resolved issues through thorough testing and debugging, enhancing the application's performance and reliability.
- **Output Project:** Cinurawa Company Profile.

SKILLS

Soft Skills: Attention to Detail, Problem-Solving, Adaptability, Technical Communication, Collaboration

Web Development : HTML, JS, CSS, Laravel, PHP, MySQL, RESTful-API, Git, Bootstrap, API Integration

Mobile Application Development : Android Studio, Kotlin

Tools: Visual Studio Code, Figma, Postman, Github

LANGUAGES

Bahasa Indonesia (Native proficiency) • **English** (Professional working proficiency)