

DIKSFA ACHMAD ADYASANDI

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Mechatronics Engineering student at Yogyakarta State University with a strong interest in Cloud Computing and Web Development. Experienced in designing and developing web-based applications, with a focus on efficiency, scalability, and modern technologies.

Education

Universitas Negeri Yogyakarta – Yogyakarta

Aug 2020 – Dec 2024

Mechatronics Engineering Education. GPA: 3.67

Experience

Internship PT Lancar Wiguna Sejahtera – Alfa Group (Lawson Indonesia) - Tangerang

Feb 2024 - Jun 2024

IT Web Developer Intern

Magang Bersertifikat by Kampus Merdeka (MSIB).

- Developed a responsive website using Laravel, PostgreSQL, and Tailwind CSS framework, following a Model-View-Controller (MVC) approach.
- Use Laravel Blade templating engine to create flexible and reusable user interface (UI) elements, enhancing user experience and simplifying development.
- Set up seamless backend data integration with Laravel Eloquent ORM, ensuring efficient database management and optimal performance.

Bangkit Academy - Bandung (remote)

Feb 2023 - Jul 2023

Cloud Computing

Bangkit Academy led by Google, Tokopedia, Gojek, & Traveloka Batch 1.

- Learn the fundamentals of cloud computing to deploy applications, monitor operations, and manage enterprise solutions
- Learn Cloud Computing with specializations Google IT Support, Cloud Computing Foundation, Cloud Engineering Learning Path, Web Basic, JavaScript Basic, Back- End Basic, Cloud Engineer.

Projects

ACNEFY Application Development Project

Apr 2023 - Jul 2023

Github repository link: <https://github.com/ferdyferiandi17/C23-PS079-Repository.git>

Bangkit academy cloud computing team

- Designing and implementing an API service, created application login APIs using Express JavaScript, and integrated machine learning APIs using Flask Python.
- Leveraging the capabilities of the Google Cloud Platform to deploy and hosting the API service in Cloud Run, Cloud App Engine and Cloud SQL.

SI-REMU (Edukasi Resistor dan Multimeter)

Sep 2024 – Nov 2024

"Android-Based Augmented Reality Learning Media Application"

- Developed an Augmented Reality-based learning application for Basic Electrical Engineering concepts.
- Designed a user-friendly UI/UX and integrated multimedia content, including 3D models, videos, quizzes, and learning materials for Basic Electrical Engineering Concepts
- Implemented marker-based AR using Vuforia and Unity to enhance interactivity.

Certifications

"Menjadi Google Cloud Architect" Course

Dicoding Indonesia

Oct 2023 – Nov 2023

- Create a cloud architecture design diagram and create a custom dashboard for monitoring.
- Deploy the instance template script into the compute engine and configure auto scaling for the application.
- Use Cloud IAM to grant access rights and the Google Cloud Pricing Calculator to estimate costs.

Others

- **Soft Skills:** Critical Thinking and Problem Solving, Time Management, Professional Communication and Networking, Growth Mindset
- **Cloud Computing:** Cloud Run, App Engine, Compute Engine, Cloud Storage, Cloud SQL.
- **Web Development:** Laravel, Tailwind CSS, Express.js, Flask Python.