Akhmad Ridlo Rifa'i

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Results-driven **Backend Developer** with extensive experience in creating robust web solutions using **Laravel**. Proficient in **database engineering**, with expertise in both **SQL (MySQL)** and **NoSQL** environments, I excel at designing and implementing **scalable APIs** that facilitate efficient data exchange. Holding a **Google Cloud Associate Cloud Engineer (ACE)** certification, I possess a strong understanding of **cloud infrastructure** and architectural principles across **Google Cloud Platform (GCP)** and **Amazon Web Services (AWS)**. My practical experience includes developing complex, **data-driven applications** such as resilient **warehouse automation** and **administration systems**, significantly improving operational efficiency. Additionally, my background in **videography** and **photography** enhances my attention to detail and creative problem-solving skills, enabling me to deliver high-quality, scalable web solutions. Committed to excellence, I am a **detail-oriented professional** dedicated to achieving exceptional results.

LANGUAGES

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

WORK EXPERIENCE

Strategic Marketing IT Support   **Nov 2025 - Present**
PT. Len Industri (Persero)   **Kota Bandung, Indonesia**

Serving as a **key operational support** in the **Strategic Marketing division**, I combine **technical analysis** with **creative media production** to drive **market penetration** for **strategic electronic products**.
Key Responsibilities:
- **Strategic Market Research**: Executing detailed market analysis to map potential clients and verify demand for new technology implementations.
- **Technical-to-Business Analysis**: Analyzing complex product specifications to create precise and persuasive marketing narratives.
- **Executive Content Creation**: Designing **high-impact presentations** and editing **video content** for **board-level meetings**, **product launches**, and **government tenders**.
- **Data-Driven Reporting**: Compiling analytical reports on product performance and market feedback to support **decision-making processes**.

Video Production Coordinator   **Dec 2023 - Present**
SAKTI Podcast UIN SGD Bandung   **Bandung, West Java, Bandung**

I have been granted the responsibility of being the **Coordinator** at the **Video Production Division**. Now I am managing: - **Coordinating** with other member of division and divide it into more group to be spread into other division using **Planner apps**, such as **Google Workspace** and **Trello**. - **Coordinating** with **Program Manager** and **PIC's** about the upcoming **major's events** and the situation in work,E nsured final products met quality standards through revision and checking processes

Cloud Computing Cohort   **Sep 2024 - Jan 2025**
Bangkit Academy 2024 Batch 2   **Bandung, Indonesia**

Implemented **cloud infrastructure solutions** by evaluating options based on specific problems, resulting in a **20% increase in efficiency**. Managed **security and IAM roles** in the **Cloud Console** while ensuring the **principle of least privilege**, enhancing **security compliance by 30%**. Predicted and minimized **cloud infrastructure costs** using analytical tools, achieving a **15% reduction in expenses**. Integrated **machine learning models** into the **cloud infrastructure** through **API development**, improving **data processing speed by 25%**. Led a **Capstone Team** as **Project Manager** by organizing documentation for deliverables using **Google Drive, Workspace, Jira, and Google Calendar**, successfully meeting **sprint expectations on time**.

IT Developer and Video Editor   **Aug 2023 - Jan 2025**
Lembaga Pers Mahasiswa Suaka   **Bandung, West Java, Indonesia**

Monitored traffic to ensure smooth operations, resulting in a **30% decrease** in downtime. Resolved bugs and implemented minor updates, enhancing the user experience by **20%**. Maintained website security against malware and malicious activities, achieving a **100% compliance rate** for security. Analyzed analytical data of influential news tags based on traffic, leading to a **15% increase** in engagement. Monitored AdSense flow and RPM, conducting experiments that improved income by **25%**.

PROJECTS

Flask Survey ⬈   **May 2025 - Jul 2025**

Survey web application for research purpose that can hold for approximately 25k respondent at the time, utilizing the Cloud Infrastructure as our main system, using Amazon Web Service to hold the backend with E2 Instance and holding the data using DynamoDB and maintaining the bridge connection with Route 53

JejakBatik ⬈   **Nov 2024 - Jan 2025**

JejakBatik is a fun and interactive image recognition tool powered by Convolutional Neural Network (CNN) technology. Simply snap a photo of a batik motif, and JejakBatik will instantly identify it, revealing fascinating insights into its philosophical meaning, regional origin, and potential uses. We hope to inspire a new generation of batik enthusiasts by making this rich cultural heritage accessible and engaging.

SWIF (Smart Warehouse information Flow) ⬈   **Jun 2024 - Aug 2024**

Smart Warehouse Information Flow (SWIF) is a Laravel 11 web-based warehouse management system designed to transform the warehouse landscape by automating mundane tasks, thereby minimizing human error and maximizing productivity
Here's the application demo!!

SELARAS (Sistem Laporan Sarana Saintek) ⧉   **Nov 2023 - Jan 2024**

A prototype website-based Ticekting system with Laravel 11 to issued the facility problem in Science of Technology of UIN Sunan Gunung Djati with Image Compressor and CRUD functionality.

E-Librarie (Library Management System) ⧉   **Nov 2021 - May 2022**

A website-based Library Management System that build with Native PHP and Bootstrap 4 with CRUD Functionality and Image Inputter with PHP, it's also contain an excel uploader and convert it into table data.

PUBLICATIONS

SWIF: Warehouse Automation System using Agile Method ⧉ on **Preprints.org**   **Jun 2024**

Optimizing warehouse operations and leveraging data insights are driving forces behind the rise of automation. This research explores the development of the SWIF warehouse management system (WMS) using the Agile methodology, a departure from traditional software development approaches. Agile's iterative and step-by-step approach facilitated a streamlined development process. It allowed for quick adjustments based on evolving needs and feedback from stakeholders. The study encourages the adoption of Agile methodology for similar projects to boost responsiveness, quality, and overall project success.

SKILLS

Full-Stack Web Developer: HTML, CSS, Javascript, PHP, Bootstrap, Tailwind, Laravel, Wordpress XML, Python, React, NextJS, NodeJS

UI/UX Designer: Figma, UI Research, UX Research, Collaboration

Video Editing: Video Pre Production, Video Post Production, Videography, Video Trimming, Slicing and Keyframing

Project Management: Google Workspace, Google Drive and Calendar, Jira, Trello, Notion, Miro , Project Management, Agile Methodology, Scrum, Task Delegation, Documentation,

Soft Skills: Team Leadership, Communication, Problem-Solving, Attention to Detail, Sociable, Eager to Learn

Cloud Computing: Python, Databases Management, REST API, Bash, Cloud Console such as Google Cloud and AWS Console

EDUCATION

Bachelor of Informatics Engineering   **Aug 2022 - Present**

UIN Sunan Gunung Djati Bandung   **GPA:** 3.78

Student Coordinator of Class A Informatics 2022 in action

Reporter and IT Developer at LPM Suaka

KOMINFO Departement Leader at HIMATIF UIN SGD Bandung

Person In Charge of Video Production at SAKTI Podcast

Distinction Graduate of Cloud Computing Cohort at Bangkit Academy 2024 Batch 2

CERTIFICATIONS

Google Cloud Associate Cloud Engineer (Credential ID: 6cb3cb9f57eb46019a0674dd8a62ab58) ⧉ by **Google**   **Apr 2025**

Distinction Graduate of Cloud Computing Cohort (Credential ID: BA24/DIST/XXIV-01/C547B4NY0290) ⧉ by **Bangkit Academy** **Jan 2025**

Database Programming with SQL ⧉ by **Oracle Academy**   **Oct 2024**

Database Design System ⧉ by **Oracle Academy**   **Sep 2024**

Google Play Store Listing Certificate (Credential ID: 96662423) ⧉ by **Google Play**   **Mar 2024**

Front-End Skill Specialization (Credential ID: MS-3/9/2023-YjotjmbLYSaeMXhbj3HU) ⧉ by **MySkill**   **Sep 2023**