

VIRA DAMAYANTI

Web Developer

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Portfolio: viradm334.github.io

About

Web Developer with a passion for programming and writing. Experienced in creating software design documents, software user manuals, and project reports. Skilled at translating complex technical concepts into easy-to-understand content. Proficient in PHP (Laravel), MySQL, and front-end technologies like HTML and CSS (Bootstrap) with an eye for detail and user-focused approach. Comfortable collaborating in dynamic environments and communicating in passive English for technical contexts. Aiming to utilize my technical background to produce clear, engaging, and informative content.

Work Experience

Web Developer | Telkom University

July 2024 – Nov 2024

- Collaborated with Telkom University professors to develop an adaptive learning website for 200 college students, tailored to help freshmen grasp the fundamentals of Python programming.
- Developed key features such as interactive exercises, answer tracking history, and a study case recommendation systems capable of selecting the most relevant study case from a database of 100 cases based on the given question.
- Configured and deployed a web application on a Virtual Private Server (VPS), including SSL certification setup to ensure secure connections and server configuration for a reliable and secure user experience.

System Analyst Intern | Diskominfo Kota Bandung

July 2023 – Sep 2023

- Created a detailed software design document and proposal document for an intern online presence application, aimed at improving punctuality, tracking absences, and boosting intern productivity.
- Analyzed business requirements and developed UI designs, business process models in BPMN, and UML diagrams to form the foundational blueprint for the application.
- Produced a profile video for PPID Bandung, showcased on Diskominfo Kota Bandung's public billboard.

SIREKAP 2 | KPPS Pilkada 2024

Nov 2024 – Nov 2024

- Organized a voting event with a team of 6 members ensuring a smooth voting experience for 500 neighbourhood residents during the mayoral and gubernatorial elections.
 - Handled vote data entry and managed the counting of ballot papers.
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Education

Bachelor of Information Systems | Telkom University

2020 – 2024

- Specialization in Web Application Development.
- Graduated with a GPA of 3.9/4.0.
- Final year project is "Pengembangan Platform Kerjasama Bisnis UMKM Mitra.id Modul Admin menggunakan Metode Extreme Programming"

- Published an article on software engineering in Jurnal Ilmiah Komputasi STI&K Jakarta Vol.23 No.3., can be viewed [here](#).

Fullstack Developer Bootcamp | Generation Girl Bandung (Remote)

Nov 2024 – Dec 2024

- Enrolled to the program for skill enhancement on web development.
- Learning Node.js, Express.js, MongoDB, HTML CSS, and Javascript.
- Developing an online job portal as the final project with learned technologies.

Skills

- **Technical skills:** PHP, Laravel, HTML, CSS, JavaScript, Python, Natural Language Processing, Java, Node.js, Express.js, VPS Hosting, Linux, Nginx
- **Soft skills:** teamwork, high attention to detail, problem solving, analytical thinking, communication
- **Tools:** Git, MySQL, MongoDB

Certifications

Certified Web Developer | BNSP

2024 - 2027

- Skills: Laravel, MySQL, HTML, CSS

Java Foundations Course | Oracle

2022

- Skills: Java

Projects

Mitra.id | Web Developer

April 2024 – July 2024

- Developed a scalable e-commerce platform that fosters business partnerships in the form of memberships between resellers and UMKM, enabling resellers to purchase products directly from UMKM.
- Conducted a survey to gather users' insight and performed requirement analysis for all user types, including admins, resellers, and UMKM, to create a system design tailored to their needs.
- Implemented key features including an admin dashboard, real-time chat for users, and a payment verification system.
- Developed comprehensive application documentation for the final project report, covering database design, user stories, business process flows, UML diagrams, and User Acceptance Testing (UAT) results, including issue tracking and outcomes.

Shipping API | API Developer

May 2023 – June 2023

- Developed a shipping cost calculator API based on city inputs in Indonesia and package weight.
- Implemented key features such as package status tracking, shipping number generator, and calculate shipping cost.
- Built using Python (Flask), MySQL, and uploaded to Docker for scalability and ease of deployment.

Digital Daily | Web Developer

Dec 2023 – Dec 2023

- Developed an electronics rental system with features supporting product display, rentals, returns, and fines for late returns.

- Built using Laravel and MySQL, ensuring smooth management of rental operations and accurate handling of late fees.
 - Developed a comprehensive user manual for Digital Daily web application, detailing the application overview, key features, and step-by-step usage instructions.
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Organizations

Panitia Pengurus Pemilu HMSI | Event Division Staff

Oct 2022 – April 2023

- Responsible for the election of new Information Systems students associations president, with 95% rate of participation.
- Successfully conducted an election socialization event for Information Systems students, with 142 attendees.

UKM Fotografi Telkom | Member

Dec 2020 – August 2021

- Mentored 6 new candidates in UKM Fotografi Telkom and evaluating their performance.
- Participated in photography exhibition and events, won first place in the UFT Covid-19 themed photography competition.