Muhammad Daffa Riyadi

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Summary

As an Informatics Engineering student who is passionate about web development, I have a special interest in front-end user interface development. I am committed to learning and improving my skills in creating attractive and responsive interfaces. Currently, I am also actively seeking professional mentorship to accelerate my career development in the tech industry.

Project Experiences

Website Dr-Tech   March 2023 - Juni 2023

Dr-Tech site is a website that focuses on technology articles with various features for user convenience.
- Built using **HTML, CSS, PHP, Database,** and **Bootstrap.**
- Implemented live search,sorting, PDF reporting, login functionality, and an admin dashboard.

OPET "Operasi Pembagian Terpadu"   February 2024 - Mei 2024

OPET, or " Operasi Pembagian Terpadu" is a mobile application designed for children aged 8-10 to assist with division number operations.
- I served as the Asset Designer.
- Successfully created over 114 assets.
- Developed prototypes using **Canva.**

FitZone - E-commerce Platform   November 2024 - December 2024
- Developed **responsive user interface (UI)** using **Laravel Blade, Livewire** and **Tailwind CSS** integrated with dynamic CRUD functions.
- Implemented core e-commerce features, including **shopping cart**, **order history**, **secure payment** processing with **Midtrans** and **shipping expedition selection** and **postage calculation** using **RajaOngkir.**
- Responsible for comprehensive user authentication (registration, login, password reset,) and **admin dashboard to manage items and user order status** using **Fillament**.

DriveCare - Mobile App for booking service   May 2025 - June 2025
- Developed a **responsive and intuitive user interface (UI)** for the **Android app** using **XML Layouts** and **Kotlin**, ensuring an optimized user experience across multiple devices.
- Implemented dynamic CRUD (Create, Read, Update, Delete) functionality for service management, users' personal vehicles, and workshop schedules, interfacing directly with the backend API.
- Implemented core management features for the **order/reservation admin role, including service booking flow, service history view, and order status management functionalities.**
- **Fully responsible** for the user authentication system, including **registration, login, and user profile management.**

Flood Probability Prediction - Data Preparation   May 2025 – June 2025

- Prepared and processed **a dataset for a flood probability prediction model,** focusing on data engineering tasks. ·
- Performed comprehensive **Exploratory Data Analysis** (EDA) to understand data **distribution, identify missing values, outliers, and feature correlations**. ·
- Applied data preprocessing techniques including **handling missing values (imputation), encoding categorical data (One-Hot Encoding), and normalizing numerical features (MinMaxScaler/StandardScaler).** ·
- Created various data visualizations such as correlation **heatmaps, histograms, and boxplots** to support analysis and effectively present findings. ·
- Produced a **clean, structured, and model-ready dataset** for the machine learning phase, saved in CSV format.

Education

Pasundan University   October 2022 - present
Informatic Engineering   **IPK (3.45 / 4.00)**

Skills

Skills

- Basic Microsoft Office   : **Microsoft Word, Microsoft Excel,** and **Microsoft PowerPoint.**
- Programming Language   : **PHP, HTML, CSS, JavaScript,** and **Kotlin.**
- Library   **: Bootstap, Tailwind,** and **Livewire**
- Frameworks   : **Laravel**
- Database Management   : **MySQL.**
- Tools   : **VS Code, Github, Unity, Android Studio, Canva,Google Collabs** and **Adobe Animate**