SYAHREZA FISTI FERDIAN

UNDERGRADUATE STUDENT OF
INFORMATION TECHNOLOGY

CONTACT

+62895 4149 49161

syahrezaferdian@student.ub.ac.id

https://github.com/Syahreza-Ferdian

Kota Malang, Jawa Timur

SKILLS

Java

PHP

HTML/CSS

JavaScript

MySql

Pawn Programming

Golang

EDUCATION

Bachelor of Technology

Brawijaya University

2022 - Present

GPA: 3.94/4.00

LANGUAGES

Bahasa Indonesia

English

SUMMARY

I am an Information Technology student at Brawijaya University with a strong passion for web development, specializing in Back End engineering. Experienced in building scalable RESTful APIs, optimizing databases, and implementing secure server-side solutions using programming languages like PHP, Golang, and framework like Laravel. I am seeking opportunities to contribute my expertise to create impactful and reliable web applications.

EXPERIENCES

Laboratory Teaching Assistant of Basic Programming

Faculty of Computer Science of Universitas Brawijaya   08/2023 - 12/2023

- Enhancing the practical skills of basic Java Programming for 40 students by leading 16 practicum sessions.
- Making assessment questions in the form of 'live-coding' with the aim of improving students' coding and problem-solving skills.
- Evaluate students' proficiency in basic Java programming by providing feedback on their work

Member at Back End Department of BCC Filkom 2024

Basic Computing Community Filkom UB   04/2024 - Present

Laboratory Teaching Assistant of Advanced Programming

Faculty of Computer Science of Universitas Brawijaya   02/2024 - 06/2024

- Enhancing the practical skills of Object Oriented Programming Concept on Java for 40 students by leading 16 practicum sessions.
- Evaluate students' proficiency in Java programming by providing feedback on their work
- Create case study examples that are easy for student to understand for each material provided

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PROJECTS

GTA San Andreas Multiplayer Gamemode

Mar 2023 - Apr 2023 (Discontinue)

- Design and implement freeroam gamemode code with nice and functional features along with its server-side configuration
- Project Repository: https://github.com/Syahreza-Ferdian/GTA-SAMP-Simple-Freeroam-Gamemode

Car Rent Web App

Oct 2023 - Dec 2023

- Designing the front-end and back-end for a car rental company information system as a final project of Database Programming coursework
- Built using PHP native
- Project repository: https://github.com/Syahreza-Ferdian/Sistem-Informasi-Rental-Mobil

Restaurant Web App

Nov 2023 - Dec 2023

- Designing the front-end and back-end for the menu display, menu search and menu filter features in a restaurant ordering application as a final assignment for the Web Application Programming course
- Built using Laravel Framework
- Project repository: https://github.com/Syahreza-Ferdian/Project-Akhir-PAW

Heal-in (REST API)

Feb 2024 - Mar 2024

- Building fully functional RESTful API for app functionality and integration with MidTrans as Payment Gateway
- Build using Golang
- Project repository: https://github.com/Syahreza-Ferdian/heal-in

Restologi (Mobile App)

Apr 2024 - June 2024

- Design and build mobile app for food ordering on restaurant
- Responsible for implementing payment and download feature
- Design and build backend service for handling payment request and transaction
- Project repository: https://github.com/Syahreza-Ferdian/Restologi

Computy-AI Backend Service (REST API)

Sep 2024 - Nov 2024

- Design and develop a REST API service using Golang for an AI-powered learning platform specializing in Computer Science.
- Integrating AI model to dynamically generate course based on user input.
- Implementing Redis and WebSocket.
- Responsible for creating comprehensive integration tests to ensure seamless interaction between backend services, AI model, and the database.

M&M Rental Backend Service (REST API)

Dec 2024 - Now

- Design and develop REST API using Laravel to manage business functionality for a car rental platform.
- Implement robust admin and user functionalities, including vehicle management, reservation handling, and real-time data retrieval by category or status.
- Optimize system performance and security with middleware, validation, and role-based access control.
- Project repository: https://github.com/Syahreza-Ferdian/M-M-Rental-Backend

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A W A R D S

Third runner up on PKM-RE

Filkom Dekan Cup 2022