EKO SETIAWAN

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Hello there, I'm Eko Setiawan, a dedicated and detail-oriented Backend Developer with a strong foundation in web development, database management, and system optimization. During my time at university, I honed my skills in areas such as OOP, Relational Databases, and website programming. I've also gained proficiency in Python, Golang, and SQL. I've applied these skills to make and deploy my own portfolio blog on GitHub. With a passion for solving complex technical challenges, I am eager to contribute my skills and knowledge as a Backend Developer to help organizations achieve their goals.

Experience and Recent Activities

Portfolio Website Project   July 2021 - now
Builds my own portfolio website

- Developed a portfolio website by leveraging HTML5 UP's template to enhance interactivity and design. Here is my portfolio website.
- Successfully hosted the portfolio website on Github Pages, ensuring easy access for visitors.
- Showcased a collection of project articles and other project portfolios, demonstrating the ability to share work and insights with an online audience.

Machine Learning Model Inference Backend Project   Aug 2023 - Sep 2023
Website Development Projects

- Developed a web application using the FastAPI framework to provide user-friendly access to a regression Machine Learning Model.
- Expanded my skill set by gaining insights into the practical implementation of backend functions for Machine Learning model inference. This included local deployment and containerization using Docker.
- Documented the entire project in a comprehensive article, detailing the development process, deployment strategies, and insights gained.

The Forage   Apr 2023 - Jun 2023
Virtual Intership on Bristish Airways's Data Science Program

- Transformed thousands of passenger reviews into actionable insights by conducting sentiment analysis.
- Leveraged Topic Modeling techniques to proactively address passenger complaints and improve customer satisfaction.
- Drove revenue optimization by developing predictive models to forecast passenger booking completion, resulting in improved conversion rates.

Gunadarma University   Sep 2021 - Nov 2021
Assistant for Artificial Intelligence Technology Practicum

- Serves as an assistant for Artificial Intelligence Technology Practicum Course, a mandatory course which contains practical MachineLearning projects for participants.
- Helps participants to solve their technical problems when accessing the course's website.
- Providing support to participants for resolving course-related questions and issues.

Education

Universitas Gunadarma   Jul 2019 – 2023
Bachelor Degree in Information Systems, 3.94/4.00

- Developed a solid foundation in Object-Oriented Programming (OOP), Relational Databases, and web programming.
- Acquired expertise in areas such as statistics, data processing using Python, and Machine Learning techniques, emphasizing a strong analytical and problem-solving skill set.
- Demonstrated practical knowledge by successfully completing a Machine Learning project that involved classifying lung diseases using X-Ray images, showcasing an ability to apply technical skills to real-world challenges.

Technologies & Languages

- **Programming Languages**: Python, Golang
- **Database Management**: MySQL, PostgreSQL
- **Development Tools**: Git, GitHub, Docker, Postman
- **Web Development**: HTML, CSS