Nikolaus Satria

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Aspiring Software Developer with hands-on experience in full-stack web development and machine learning implementation. Skilled in building real-world SaaS products and deploying AI models, with strong understanding of backend systems and modern frontend frameworks. Passionate about solving real problems through code and automation.

EDUCATION

Universitas Surabaya
Informatics Engineering; GPA: 3.689 / 4.00   **2021-Present**

SKILLS

- **Languages:** HTML, CSS, Javascript, Typescript, Python, PHP, Kotlin
- **Framework:** React, Next.Js, Express.Js, TensorFlow
- **Tools & Platform:** Supabase, Firebase, Git, PostgreSQL, MySQL
- **Machine Learning:** Prompt Engineering, Data Preprocessing, Model Evaluation

WORK EXPERIENCE

Freelance Full-Stack Web Developer   **2024**
Hakedo Putra Mandiri - Jakarta (WFH)
- Design and implement a scalable database architecture for a warehouse management web system.
- Develop and integrate RESTful APIs to enable seamless communication between the frontend and backend.
- Actively collaborated with the frontend team to ensure smooth feature integration and code synchronization.
- Optimized database queries and backend logic to improve system performance and overall user experience.

PROJECTS

Bangkit Academy led by Google, Gojek, Tokopedia, & Traveloka   *2024*

- Built a machine learning model for a food recommendation system based on user-inputted ingredients.
- Performed end-to-end data preprocessing, including data cleaning, feature extraction, and transformation.
- Implemented a Machine Learning algorithm to generate food suggestions based on available ingredients.
- Deployed the model using Express.js and created an interactive UI using Streamlit to visualize predictions.
- Collaborated in a cross-functional team to manage development cycles and present final results to mentors.

CERTIFICATES

Dicoding
- Belajar Analisis Data dengan Python
- Tensorflow Certification Preparation

Coursera
- Process Data from Dirty to Clean
- Analyze Data to Answer Questions
- Share Data Through the Art of Visualization

- Machine Learning Specialization by Andrew Ng
- DeepLearning.AI TensorFlow Developer Professional Certificate
- Structuring ML Projects
- TensorFlow: Data and Deployment Specialization
- TensorFlow: Advanced Technique Specialization