

Muhammad Favian Zaahir

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Malang, East Java

Software Engineer with a strong passion for software development and hands-on experience in building web applications. Actively involved in various organizations and competitions, with a commitment to continuous learning through participation in boot camps and other training opportunities. Eager to adapt to technological advancements and contribute to innovative projects.

EDUCATION

SMK TELKOM MALANG

Jul 2022 - Jun 2025

- Specialization class in **Node.js and React.js**.
- Served as a **Prefect** (Accompanied other student in learning english) in the **Moklet Bilingual Program**
- Actively participated in organizational activities in **Teenager's Red Cross** (PMR).
- Actively attended Extracurricular **Artificial Intelligence, Graphic Design, and Cloud Computing**

TECHNICAL SKILLS

- Programming Languages: JavaScript, PHP, Java, Python
- Frameworks/Libraries: Express, Django, Laravel, Code Igniter React, Redux, Jotai, Scikit Learn, Tensorflow, Flutter
- Databases: MySQL, Postgresql, Prisma ORM, Django ORM, Directus, Excel
- Version Control: Git, GitHub, Gitlab
- Other Tools: Docker, Google Cloud, Hoppscotch

EXPERIENCE

Jagoan Hosting | Teaching Factory

Nov 2023 - Jan 2024

- Grasped the understandings of product knowledge and **Wordpress development**
- Implemented the concepts of resolving clients request using **Jagoan Hosting's development methods**
- Built a **Wordpress and Elementor based website** in the end of the class

Pt Lanius Inovasi Industrial Class Participant | Teaching Factory

Aug - Oct 2024

- Guided and Learned the Industry Standards for Machine Vision Indonesia.
- Got a deeper understanding about **Typescript, Storybook, Datacore, React Query and Nextjs**
- Served as the **front end developer** when creating the final project

Telkom Sigma | Full Stack Internship

Dec 2024 - Apr 2025

- Learned the **Scrum Method** for developing an app
- Learned how to collaborate with other team members

Dicoding Coding Camp | Bootcamp

Jan - Apr 2025

- Served as the **Machine Learning Engineer** position in the team
- Gone through **836 hours** of learning in machine learning, soft skill & career development and building final project team based

Pt Lanius Inovasi | Front End Developer & System Analyst

July 2025 - Now

- Developed a modern, responsive website using **Next.js**, following industry-standard slicing practices.
- Built reusable UI components with **Storybook**, ensuring consistency and scalability.
- Integrated **TanStack React Query** for efficient data fetching and state management.
- Connected frontend with a **Directus** CMS backend for dynamic content management.
- Handled IoT integration using **Node-RED, WebSocket, and MQTT**, enabling real-time communication and control tailored for industrial manufacturing clients.

PROJECTS

Serverless Auction Platform (Final Project for 11th Grade) <ul style="list-style-type: none">Implemented robust features for user registration, bidding, product listing, and secure payment processing.Successfully managed database interactions and optimized application performance using MySQL that's integrated with PHP as a back end and React.js as the front end	Sept - Nov 2023
Treatment Booking Progressive Web App (Assigned from Telkom Sigma) <ul style="list-style-type: none">Create a booking order system and outlets management.Built a Nestjs along with Redis for the backend and integrated with Next.js and Midtrans as a payment gateway and deployed it to the company's local server using Docker	Dec 2024 - Feb 2025
Green Renting Platform (Achieved finalist in SEFEST Web Dev Competition) <ul style="list-style-type: none">Create a renting properties with the focus of tracking and minimizing carbon footprints.Built a Next js server action, with Prisma as its ORM and NextAuth w/ oauth.	Feb 2025
Hotel Booking and Management Website and Application (Assigned from Telkom Sigma) <ul style="list-style-type: none">Revamped an unfinished program that's using Java for the booking application for the customer and CodeIgniter 3 for the CMS website	Feb - Apr 2025
Client-to-Company Task Auction System (Assigned from Pt. Lanius Inovasi) <ul style="list-style-type: none">Created a platform to allows clients opens an auction or some sort on a work they want to be done and see what companies will take the tasks and what offers do they giveServed as the front end engineer using Nextjs and StorybookIntegrated with the backend that's using Datacore and Tanstack React Query.	Feb - Apr 2025
Client-to-Company Task Auction System (Assigned from Pt. Lanius Inovasi) <ul style="list-style-type: none">Created a platform to allows clients opens an auction or some sort on a work they want to be done and see what companies will take the tasks and what offers do they giveServed as the front end engineer using Nextjs and StorybookIntegrated with the backend that's using Directus and Tanstack React Query.	Feb - Apr 2025
Travel Planning and Recommendation System (Capstone Project from Coding Camp 2025) <ul style="list-style-type: none">Built a model for the core part of the recommendation using existing datasets with Tensorflow and SKlearn.Integrated the model and connect them to the backend through FastApiContributed in slicing some of the design using Vite with Webpack	Mar - Apr 2025
Paragon Internal Work Management System (Assigned from Pt. Lanius Inovasi) <ul style="list-style-type: none">Performed page slicing based on design specs using Next.js and Tailwind CSS.Integrated ExcelJS to enable dynamic data export to spreadsheet format.Contributed to building reusable UI components for internal use with Storybook.	July 2025 - Now
EMI - Alva Factory Analytic Observer (Assigned from Pt. Lanius Inovasi) <ul style="list-style-type: none">Integrated Node-RED with MQTT to send real-time factory data to TV dashboards.Designed and implemented the backend logic to display live production statistics.	July 2025 - Now

LICENSE & CERTIFICATIONS

- Telkom Digi-Up Junior Web Development Python 2023
- TOEFL 875 2024
- Certiport IT Specialist - Database 2024
- Dicoding Belajar Data Analisis dengan Python & Dicoding Belajar Pengembangan Machine Learning 2025
- Google Cloud Manage Kubernetes 2024
- Hackerrank Problem Solving - Intermediate 2024

[Certifications Link](#)