

William Kurniawan

Software Engineer

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Recently graduated software engineering student from Institut Teknologi Telkom Surabaya. Having a good knowledge about Web Development. Currently studying Frontend Engineering with React.js and Next.js, and Backend Development using Laravel. Have some experience working in a team with software development methodologies like Agile Scrum and Kanban Style. Want to learn more about other frontend technologies in the future and collaborate on open source projects.

WORK EXPERIENCE

PT. Dipo Star Finance

Associate Software Engineer

September 2023 – Present

Yogyakarta, Indonesia

- Implement and develop microservices solutions with Python, FastAPI, and Redis for optimal performance.
- Transformed UI design to dynamic frontend application with Next.js.

PT. PasarPolis Indonesia

Software Engineer Intern (Frontend)

May 2022 – August 2022

Jakarta, Indonesia (Remote)

- Develop and manage reusable components throughout the frontend web application.
- Learn Next.js and other libraries to support web application development and performance.
- Work on several bug fixes to improve user experience.

IT Telkom Surabaya

Research Assistant

June 2021 – October 2022

Surabaya, Indonesia

- Develop management system for students internship at IT Telkom Surabaya using codeigniter 4 framework.
- Develop and implement AI software to maintain physical distancing among Dalegan Beach visitors using Python, Yolo, NVIDIA Jetson Nano.

EDUCATION

Institut Teknologi Telkom Surabaya

Bachelor of Computer in Software Engineering (S.Kom.); GPA: 3.98

September 2019 - March 2023

Surabaya, Indonesia

- Frontend Mentor of Web Dev Workshop (WAOW S3) by CODER IT Telkom Surabaya.
- Coordinator of competitive programming division for CODER IT Telkom Surabaya.
- Participate in internal activities (LKTI, Sport Competition, and Competition Organizer).

LATEST PROJECT

TRVLX

<https://trvlx.williamk19.my.id>

Implemented Travel Booking System using Laravel and React (Inertia). This application is also implemented with pick-up and drop-off point selection features using Geographical Information System libraries. There was some additional feature for map routing optimization using nearest neighbor algorithm and Midtrans payment gateway.

SKILLS

Programming Language

: HTML, CSS, JavaScript, Python, PHP

Framework

: React.js, Next.js, FastAPI, Laravel, Flutter