Farel Winalda

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- https://portfolio-farelw.vercel.app/

Education

BANDUNG INSTITUTE OF TECHNOLOGY (ITB) Bandung, Indonesia
Informatics Engineering
(3,51 GPA / 78 scales) August 2022 – Present
- Algorithm & Data Structures, Discrete Mathematics, Operating System, Algorithm Strategy, Object-Oriented Programming, Database Management System (PGSQL & MySQL), Software Engineering, C, C++, Java, GoLang, dotnet

Organization & Volunteering

OSKM ITB 2024 Bandung, Indonesia
August 2024 – September 2024
Back End Developer
- Making learning system for newly students
- NextJS Framework, tRPC, and Drizzle ORM PostgreSQL

SPARTA HMIF 2024 Bandung, Indonesia
Back End Developer
- Making endpoints for student attending & learning system
- Backend GoLang Framework using Go-GIN & SQLc
- Database management with PostgreSQL using SQLc

WISUDA APRIL ITB 2024 Bandung, Indonesia
Back End Developer
- Make user authentication / Cookie validation with JWT
- Backend Logic API using framework and ORM using NextJs and Drizzle PostgreSQL

GBC UBT 2024 Bandung, Indonesia
April 2024 – May 2024
Full Stack Developer
- Making server-side logic with NextJs and Prisma
- Database management with PostgreSQL
- Making client-side / frontend with NextJs and TailwindCSS

ITB FAIR 2024 Bandung, Indonesia
December 2023 – February 2024
Front End Developer
- Handling upload components and forms competition using TailwindCSS
- Fetching data & integration from REST APIs

COMLABS-USDI-ITB Bandung, Indonesia
September 2023 – December 2023
Basic Programming Lab Assistant
- Instructing 80 students with Python programming language Practice
- Assisting students across 5 practice modules in understanding and clean coding

WISUDA OKTOBER ITB 2023 Bandung, Indonesia
September 2023 – December 2023
Front End Developer
- Handling Biodata and Profile UI with TailwindCSS
- Contributing on Design page UI & Integration from REST APIs

Skills & Interests

Programming Languages : Python, C / C++, Javascript / Typescript, Java, GoLang, HTML / CSS, Prolog

Front End Frameworks : ReactJS, NextJS, Tailwind CSS, Chakra UI

Back End Frameworks : ExpressJS, NestJS, NodeJS, Flask, Go-Fiber, Supabase, Prisma ORM. Drizzle ORM

Languages : English, Indonesia