

Bernardus Willson

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EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY

Bachelor of Engineering - Informatics Engineering

Last GPA: 3.47

Bandung

July 2021 – June 2025

EXPERIENCES

INFORMATIKA ITB

Bandung

Computational Engineering Laboratory Assistant

August 2023 – December 2024

- Assisted in courses: Linear Algebra, Geometry, Discrete Mathematics, Algorithm Strategy.
- Crafted project specifications, supervised exams, and evaluated quizzes.

SOCIETY OF RENEWABLE ENERGY ITB (SRE ITB)

Bandung

Director of IT Development

June 2023 – June 2024

- Led a team of 6, concurrently served as IT Manager at IYREF.
- Developed and maintained a web application using Next.js, Tailwind CSS, Express.js, MySQL.

PARADE WISUDA APRIL ITB 2023

Bandung

Head of Frontend Engineer

February 2023 – May 2023

- Led a team of 11 to develop a graduation information web application using Next.js and Tailwind CSS

ARKAVIDIA 8.0

Bandung

Software Engineer Staff

September 2022 – February 2023

- Developed an IT competition web application using Next.js and Tailwind CSS.

PROJECTS

TOCO

November 2023

- A web application designed to assist users in learning a new language by providing learning materials and practice exercises (PHP, MySQL, React.js, Tailwind CSS, Express.js, Prisma, PostgreSQL, JAX-WS, Docker).

SWEEPIN

February 2024

- A web application developed in five sprints to manage employee attendance at ITB (Next.js, Tailwind CSS, Express.js, Prisma, MySQL, Jest).

BONDOMAN

April 2024

- A financial management wallet app that tracks income, expense, and saving transactions (Kotlin).

DERMATICAI

July 2023

- An Android application that can detect skin diseases, consult with a bot, and provide the latest news on skin conditions (Flutter, Firebase, LangChain, Google Cloud Platform, TensorFlow).

BUSINESS MANAGEMENT APPLICATION

April 2023

- A business management application with Object-Oriented Programming approach (JavaFX).

DAILIFY

April 2023

- A diary and planner application (PyQt).

ADDITIONAL INFORMATION

- Programming Languages: Python, C#, C++, C, Go, Java, JavaScript, TypeScript, Prolog, Haskell.
- App Development: Docker, PHP, HTML5, CSS, Next.js, React.js, Tailwind CSS, Express.js, Prisma, REST APIs, SOAP, Flutter, Kotlin, React Native, PyQt, Tkinter, JavaFX, MySQL, MariaDB, SQLite, PostgreSQL, Pandas, Jest, Selenium.
- Tools: Git, cPanel, Vercel, Figma, Trello, Jira, Odoo.
- Languages: English, Indonesia.
- GitHub: <https://github.com/bernarduswillson>
- Portfolio Website: <https://bewe.vercel.app>