

Bernardus Willson

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EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY

Bachelor of Engineering - Informatics Engineering

Last GPA: 3.39

Bandung

July 2021 – June 2025

SMAK IPEKA PURI

Science

Jakarta

July 2018 - July 2021

EXPERIENCES

INFORMATIKA ITB

Bandung

Computational Engineering Laboratory Assistant

August 2023 – December 2024

- Chosen as Course Assistant for ITB's Linear Algebra, Geometry, Discrete Mathematics, and Algorithm Strategy courses.
- Responsible for crafting project specifications, aiding in exam supervision, and evaluating quiz results.

SOCIETY OF RENEWABLE ENERGY ITB (SRE ITB)

Bandung

Director of IT Development

June 2023 – June 2024

- Positioned as Director of IT Development at SRE ITB with a concurrent role as IT Manager at IYREF, leading a team of 6 members.
- Developed and maintaining a web application showcasing the profile of the Society Renewable Energy ITB and IYREF, featuring detailed information and the latest updates using Next.js, Tailwind CSS, Express.js, and MySQL.

PARADE WISUDA APRIL ITB 2023

Bandung

Head of Software Engineer

February 2023 – May 2023

- Positioned as Head of Software Engineer, leading a team of 11 members.
- Developed a web application for the graduating students, showcasing information about the April ITB 2023 graduation, including an exhibition of the students' final projects using Next.js and Tailwind CSS.

ARKAVIDIA 8.0

Bandung

Software Engineer Staff

September 2022 – February 2023

- Developed a web application that provides information about an IT competition, including registration details and other relevant information using Next.js and Tailwind CSS.

PARADE WISUDA JULI ITB 2022

Bandung

Human Resource Staff

June 2022 – August 2022

- Managed, supervised, and conducted evaluations for committee members during Parade Wisuda Juli ITB 2022.

PROJECTS

SOCIETY OF RENEWABLE ENERGY ITB & IYREF WEBSITE

July 2023

- A web application showcasing the profile of the Society Renewable Energy ITB and IYREF, featuring detailed information and the latest updates (Next.js, Tailwind CSS).
- Link:
 1. <https://github.com/bernarduswillson/SRE-ITB-frontend>
 2. <https://github.com/bernarduswillson/SRE-ITB-backend>

PARADE WISUDA APRIL ITB FRONT END WEBSITE

February 2023

- A web application for the graduating students, showcasing information about the April ITB 2023 graduation, including an exhibition of the students' final projects (Next.js and Tailwind CSS).
- Link: <https://github.com/bernarduswillson/WisudaApril2023-frontend>

ARKAVIDIA 8.0 FRONT END WEBSITE**September 2022**

- A web application that provides information about an IT competition, including registration details and other relevant information (Next.js and Tailwind CSS).
- Link: <https://github.com/bernarduswillson/arkavidia-frontend-8.0>

TOCO**November 2023**

- A web application designed to assist users in learning a new language by providing learning materials and practice exercises.
- Link:
 1. <https://github.com/bernarduswillson/toco-app> (PHP, MySQL)
 2. <https://github.com/bernarduswillson/toco-spa> (React.js, Tailwind CSS)
 3. <https://github.com/bernarduswillson/toco-rest> (Express.js, Prisma, PostgreSQL)
 4. <https://github.com/bernarduswillson/toco-soap> (JAX-WS)
 5. <https://github.com/bernarduswillson/toco-config> (Docker)

SIMPLE CHATGPT**April 2023**

- A chat bot website using KMP & BM algorithm, Regex, and Levenshtein algorithm (Next.js, Tailwind CSS, Golang, PostgreSQL).
- Link:
 1. https://github.com/bernarduswillson/MeChat_FE
 2. https://github.com/bernarduswillson/MeChat_BE

DERMATICA AI**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).
- Link: <https://github.com/bernarduswillson/DermaticaAI>

BUSINESS MANAGEMENT APPLICATION**April 2023**

- A business management application with Object-Oriented Programming approach (JavaFX).
- Link: <https://github.com/bernarduswillson/BM-App>

DAILIFY**April 2023**

- A diary and planner application (Python).
- Link: <https://github.com/bernarduswillson/Dailify>

FACE RECOGNITION PROGRAM**November 2022**

- A face recognition program using eigenfaces algorithm (Python).
- Link: <https://github.com/bernarduswillson/Face-Recognition>

ADDITIONAL INFORMATION

- Technical Skills: Python, C#, C++, C, Go, Java, Prolog, Haskell, PHP, HTML5, CSS, JavaScript, TypeScript, Next.js, Tailwind CSS, React.js, Express.js, Prisma, REST APIs, SOAP, Project Management, Flutter, Vercel, MySQL, MariaDB, SQLite, PostgreSQL, Pandas, Figma, Trello, Odoo.
- Languages: English, Indonesia
- Link GitHub: <https://github.com/bernarduswillson>
- Portfolio Website: <https://bewe.vercel.app>