

ELBERT CHAILES

Informatics Student

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PROFILE

Energetic, ambitious, and optimistic are the words that best describe my personality. I am an undergraduate student in Bandung Institute of Technology that is eager to learn and to seek adventures in life. Chaotic isn't a challenge but a chance to grow. Currently interested in Software Engineering. Let's grow together and exceed the limit.

ORGANIZATIONAL EXPERIENCE

TEDxITB 2023

Web Development Staff

August 2023 – February 2023

- Develop web pages using **Next.js**, **Tailwind CSS**, **shadcn/ui**, and **TypeScript**.
- Integrate **basic CSS skills** and **semantic HTML** to enhance web development.
- Utilize **Git skills** within an **agile** system, employing **Git pull requests** and **reviews** for collaborative development.
- **Optimizing web performance** by considering accessibility and performance using website analytics tools.

Comlabs-USDI ITB

Basic Programming Lab Assistant

September 2023 – December 2023

- Instructed **78 students** in **Python programming language** across five practicum modules.
- Assisted participants in understanding and correcting code, emphasizing the **development** of **appropriate coding skills for beginners**.

Parade Wisuda Oktober ITB (WISOKTO ITB 2023)

Front-end Web Developer Staff

September 2023 – October 2023

- Develop web pages using **Next.js**, **Tailwind CSS**, and **TypeScript**.
- **Combine components** created by other developers into a single integrated page.
- **Assist** other developers in **creating components**, such as the navigation bar and mapping mechanisms.

Orientasi Studi Keluarga Mahasiswa : Spacefarers (OSKM ITB 2023)

Front-end Web Developer Staff

June 2023 – August 2023

- Create a **responsive navigation bar** integrated across all pages.
- **Integrate** with the backend using procedures developed by the backend programmer, including **trRPC integration** for fetching data from the database.
- Utilize a frontend tech stack consisting of **Next.js**, **TypeScript**, and **Chakra UI**. Work with **SSH** for secure access and understanding of Git mechanisms such as **pull requests**, **merging**, and **code review**.
- Maintain discipline by conducting **daily scrum** to monitor and track the progress of developers.

Kelompok Studi Ekonomi dan Pasar Modal (KSEP ITB)

Front-end Web Developer Staff

May 2023 - February 2023

- Developing website components, such as a navigation bar, external contact pages, and modals, using **ReactJS** and **Tailwind CSS**.
- Migrating web development to **NextJS** due to stakeholders' insistence on **consolidating backend and frontend** within a single framework.
- Utilizing **Jira** for project management to track progress and coordination among developers.

EDUCATION

BANDUNG INSTITUTE OF TECHNOLOGY

School of Electrical Engineering and Informatics – Informatics Engineering (3.93 GPA / 58 Credits)

Bandung, Indonesia
2022-Present

SKILLS

- **Programming Languages** : Python, C, JavaScript, TypeScript, HTML, CSS, SQL, GNU Prolog
- **Frameworks** : ReactJS, NextJS, Tailwind CSS, Chakra UI, MongoDB, ExpressJS, NodeJS, PostgreSQL
- **Languages** : Fluent in English, Indonesia, Hokkien and Intermediate in Chinese
- **Tools** : Jira, Trello

PROJECTS

- **TODOLIST MINI PROJECT** - Utilized MERN Stack, including MongoDB, ExpressJS, ReactJS, and NodeJS. Integrated ChakraUI and TailwindCSS for frontend development. Find it at <https://github.com/ChaiGans/ToDoList-MERN>
- **PORTFOLIO WEBSITE** - Implemented as a frontend-only project using ReactJS and TailwindCSS, leveraging JavaScript. Integrated email functionality via FormSubmit. Repository available <https://github.com/ChaiGans/portfolio-website>
- **MEDALS & TROPHIES** - Developed with NextJS, TailwindCSS, and TypeScript. Collaborative project where I served as the front-end developer. Access the repository https://github.com/ChaiGans/Milestone02_K13

COURSES

PCAP: Programming Essentials in Python course, provided by Cisco
Networking Academy®in collaboration with OpenEDG Python Institute

September 2022 – December 2022