

JOSE LUMBANTOBING

SOFTWARE DEVELOPER

+6281275384967 | josetobing77@gmail.com | github.com/JoseLumbantobing | linkedin.com/in/jose-lumbantobing

ABOUT ME

I am an empathetic, enthusiastic, responsible and hardworking person. I can work as a team or work on my own initiative and I am passionate about building software used by other people, and want to learn new technology.

PROGRAMMING	HTML – CSS – Javascript – Angular – Java – Typescript
FRAMEWORK	ReactJS – NextJS – Tailwind CSS – Springboot
UNIT TESTING	Jest
VERSION CONTROL	Git – GitHub
DESIGN TOOLS	Figma – Canva

EDUCATION

Del Institute of Technology	Sep, 2018 – Oct, 2022
BACHELOR OF ELECTRICAL ENGINEERING (Specialization: Computer)	GPA 3.43

EXPERIENCE

Software Engineer – Intern	Oct, 2023 – Apr, 2024
-----------------------------------	-----------------------

PT. Idea Kolaborasi Utama

- Studying programming in the field of web development involves frontend (Angular) and backend (Java Spring Boot), as well as mobile development using Android Studio.
- Building a prototype of a mobile banking application using Angular and accessing data through a database using phpMyAdmin.
- Developing the backend of the Digital Society mobile application using Spring Boot and managing the database using phpMyAdmin.

Electrical Engineer – Intern	Jun, 2021 – Aug, 2021
-------------------------------------	-----------------------

Pusat Teknologi Satelit – Lembaga Penerbangan dan Antariksa Nasional (LAPAN)

- Designing a sensor device to collect real-time temperature and humidity data of a location (indoor / outdoor)
- Transmit data from the sensor device microcontroller to the user terminal device using the RS232 port interface
- Automatically takes a group of data within a certain time and saves it into a text document stored in the user terminal to be sent to satellite

Teaching Assistant – Physics Fundamentals II	2019 – 2020
---	-------------

Del Institute of Technology

- Preparing the equipment, instruments, and materials required for the physics experiments to be conducted in the laboratory
- Ensuring safety during experiments by providing guidance to students on laboratory safety practices, proper equipment use, and handling chemicals or equipment carefully
- Explaining to students the experiments to be conducted, their objectives, and the correct experimental procedures and assisting students with questions and difficulties they may encounter during basic physics experiments
- Regularly communicating with the course lecturer to report progress in the laboratory, address any issues that arise, and discuss any necessary changes to the basic physics experiments

ORGANIZATION

Member of the sports department of the Del Institute of Technology Student Executive Board

Sep, 2019 – Oct, 2021

Responsible for creating and delivering campus activity programs related to physical health and managing facilities and infrastructure for sports activities at the institute

Division member of electrical engineering student association of the Del Institute of Technology

Oct, 2018 – Sep, 2019

Responsible for running partnership and business association programs within the Del campus

PROJECT

DIGITAL SOCIETY

Feb, 2024 – Apr, 2024

- Building a Smart Society application to obtain information on news, promotions, events, and more in a specific geographical area
- Working on the backend side using the Spring Boot framework and processing the database using phpMyAdmin
- Responsible for creating and providing data for the main features of the application, including transportation, news, events, promo, emergency calls, and user information
- Creating mock API and conducting API testing using Postman

TOP BANK

Nov, 2023 – Jan, 2024

- Building a prototype of a mobile banking application as a website back office for administrators
- Working on the frontend side using Angular and accessing the database using phpMyAdmin
- Functioning to access the dashboard, customer and admin pages, as well as account pages
- It includes features for login and logout only for admins with specific levels, a feature to convert website data into an Excel file, a feature to add, edit, or delete admins and customers, and a feature to edit data for the logged-in admin

E-COMMERCE WEBSITE

Oct, 2023 – Dec, 2023

- Build an Online Shop or eCommerce website using React JS
- Create a login and register page and store user data into a database
- Create a data bank using mongoDB Atlas Database

PORTFOLIO WEBSITE

Apr, 2023 – May, 2023

- Build and deploy a responsive personal portfolio website from scratch using Next JS
- Using Swiper JS to create a smoother modern slider
- Using Email JS as a service to send and receive email from users

MONDO-MOVIE

Feb, 2023 – Apr, 2023

- Build a movie app from scratch using React JS as JavaScript library
- Fetching API data provided by The Movie Database (TMDB) API
- Deploy on vercel

SHOPPING CART

Mar, 2023

- Build an advanced shopping cart application using ReactJS and TypeScript
- Web page are styled with bootstrap and for state handling globally use context
- Deploy on vercel

WEATHER APP

Jan, 2023 – Feb, 2023

- Build an application to display the weather condition of a city or country from around the world using JavaScript
- Fetching weather API data provided by OpenWeatherMap
- Deploy on vercel

TODOS APP

Jan, 2023

- Build an application to add a list of activities to be done using JavaScript
- Store data using local storage so that data is not lost when the browser is closed
- Deploy on vercel