JOSE LUMBANTOBING

SOFTWARE ENGINEER

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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
FRAMEWORK	ReactJS – NextJS – Tailwind CSS – Springboot
DESIGN TOOLS	Figma – Canva
VERSION CONTROL	Git – GitHub
SOFT SKILLS	Time Management – Team Work – Communication – Attention to Detail

EDUCATION

Del Institute of Technology   *Sep, 2018 – Oct, 2022*

BACHELOR OF ELECTRICAL ENGINEERING (Specialization: Computer)   GPA 3.43

EXPERIENCE

Quality Assurance   *May, 2024 – Des, 2024*

PT. Bank Negara Indonesia

- Conducted manual testing of applications and banking systems on Desktop, Web, and Mobile (Android & IOS) devices to track defects, inconsistencies, and bugs as well as application performance.
- Used database technology, mySql, Figma, MobaXterm (server and SSH client), postman as testing tools.
- Contribute to process improvement discussions and implement best practices in testing workflows and ensure timely completion of testing tasks to meet project deadlines.
- Create, maintain, and update test documentation, including test plans, cases, and scripts.

Software Engineer   *Oct, 2023 – Des, 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   *Sep, 2019 – Oct, 2021*
Technology Student Executive Board
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   *Oct, 2018 – Sep, 2019*
the Del Institute of Technology
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 – Des, 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