



Radema Panjaitan

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PROFILE

Computer Engineering student with diverse experiences in developing and directing software system testing and validation procedures, programming, and documentation. I have participated in the MSIB independent study program section "Full Stack Development, CI/CD, and Cloud Engineering" for 6 months at PT Zona Edukasi Nusantara. I can work in teams or as individuals, be communicative, innovative, and have initiative and responsibility.

EDUCATION

DEL INSTITUTE OF TECHNOLOGY

DIII COMPUTER TECHNOLOGY

09/2019-07/2022

IP: 3.18

- Member of the Social Division at the Computer Technology Student Association
- Member of Commission Higher (Education, Student Affairs, Youth) in the Student Consultative Assembly
- Member of Del Data Science Club

INTERNSHIP EXPERIENCE

1. NETWORK ADMINISTRATOR - KOMINFO PEMATANGSIANTAR

05/07/2021-04/08/2021

Making Pematang Siantar Fiber Optic network topology using Microsoft Visio tools

2. DATA ANALYST - YAASMIN

15/10/2021-15/01/2022

Analyzing and visualizing data for social media linkedin Yaasmin

3. FULL STACK DEVELOPMENT, CI/CD, AND CLOUD ENGINEERING - PT ZONA EDUKASI NUSANTARA

21/02/2022 - 21/07/2022

I can be accepted as Full Stack Development, CI/CD, and Cloud Engineering in Independent Studies at Zenius. Here I design a website with HTML & CSS, create a client-side application with Reactjs and Next js, build a database for the REST API Back-end, and set up the GIT environment.

ACHIEVEMENTS

STUDENT TEACHING ASSISTANT FOR PROBABILITY AND STATISTICS

08/2021-12/2021

I am responsible for Probability and Statistics course practicum by giving teaching, assignments and quizzes.

GROUP PROJECT

INDONESIA - BATAK LANGUAGE DICTIONARY

2020

This project is the final project of the "Algorithm and Data structure" course project. The final project is carried out in groups of 3 people. Our team uses the C programming language to code.

TRAVEL BOOKING AND CAR RENTAL WEBSITE

2020

This website is the result of the final project in the "Final Project 1" course. This website was built using the PHP language. This project is carried out in groups of 3 people. In the construction of this website, I have a role as Project manager and UI/UX. We use Trello tools to organize each of our workflows and use Mockup tools to create the designs.

GUEST CONTROL ACCORDING TO SENSOR-BASED HEALTH SOP

2021

This project is the result of a project in the "final project 2 (PA 2)" course. my team made a prototype regarding Guest Control according to Sensor-based health SOPs using the Arduino Uno microcontroller.

Where this tool has 3 main functions, namely:

- Detecting guests who are coming, if a guest is detected, the buzzer or alarm will sound
- Detect the body temperature of guests who come
- Spraying hand sanitizer on guests' hands.

My role in the final project is as a project manager.

This website is the final result of my team's project on the Full Stack Development, CI/CD, and Cloud Engineering class independent study program. GugusKode website is a free programming learning website with users as a constellation who can share knowledge in the field of programming. This website is built using React JS on the front end and back end using Strapi. The final result for the source code is placed in the Github repository and online deployment is carried out via Heroku.

LORA ANALYSIS OF LOGISTICS DELIVERY TRACKING**08/2021-08/2022**

This project is the result of my group's final project. Where we made a prototype for vehicle tracking using the LoRa tool as its data communication.

The purpose of our group taking this topic is:

1. Analyzing LoRa performance based on distance variables based on parameter values of RSSI, SNR, and packet loss on logistics delivery vehicle tracking.
2. Knowing LoRa performance based on vehicle movement monitoring based on speed variables

Skill

- Excel at Programming Language: C,
- Excel at Web Development: HTML, PHP, CSS, Javascript, React JS
- Excel at Framework and Database: Bootstrap, Mysql, SQL
- Knowledge of API, Postman, JSON
- Knowledge of Git, GitHub, GitLab
- Linux
- Microsoft Word, Microsoft Excel, Visio
- Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC)
- Hands-on with Trello and Taiga
- Hands-on with Figma
- Strong verbal and written communication
- Willingness to perform under pressure
- Ability to work in a team
- Problem Solving Skill
- Can work together as a team or individual

Volunteering

SOCIAL MEDIA DESIGNER SOCIAL AT MENGELOLA EMOSI REGIONAL SUMATERA ORGANISASI**05/2021 - 06/ 2021**

- Plan and be responsible for the implementation of an event within a certain period.
- Research the event determination strategy.
- Create and develop community planning events.
- Create a ToR document, rundown the event about the event in ID Volunteering Aceh Sumut