DIO TRIE RAMADHAN

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SUMMARY

Graduate with a bachelor's degree in electrical engineering seeking an entry-level Full-Stack Dev position to apply academic knowledge and programming skills gained through coursework and personal projects.

EDUCATION

Islamic University of Indonesia | *Bachelor of Electrical Engineering* | **09/2017 – 06/2021**
Grade Point Average (**GPA**): 3.35/4.00
Coursework: Data Structure and Algorithms, Object-Oriented Programming, Web Development, Database Management System, Software Engineering Principle.

SKILLS

Database & Programming Languages	**Software Tools**	**Communication & Interpersonal**
SQL, Python, PHP, C++	Ms. Office, Visual Studio Code, Notepad++, Arduino IDE	Strong Analytical Skills, Good Communication, Teamwork, and Adaptability

Web Development	**Version Control**
HTML, CSS, JavaScript, React Js	Git, GitHub

PROJECT

Online Portfolio Website
- Designed and developed a personal portfolio website using HTML, CSS and JavaScript to showcase projects and skills.
- Implemented responsive design for optimal viewing on various devices.

Coffeeshop Website Prototype
- Develop a prototype of an e-commerce website using HTML, CSS, and JavaScript
- Implemented product listings and user authentication features.

Analysis Covid-19 in Indonesia
- Created an interactive data visualization dashboard using Tableau to present Covid-19 trends in a local area.

Sales Data Analysis
- Analyzed historical sales data to identify factors affecting sales performance on their purchasing behavior.

EXPERIENCE

Research Assistant | *Department of Electrical Engineering UII* | **12/2021 – 10/2022**
- Designed and developed embedded system for IoT applications.
- Conducted reliability testing on electronic components and identified areas for improvement in design, leading to enhanced product durability.

Laboratory Assistant of Electrical Circuit | *Electrical Engineering Laboratory* | **09/2020 – 02/2021**
- Made available online tutors for 9 students for 2.5 hours a week.
- Provide informative presentation to students regarding the field study and ensure that fully understand all aspects.
- Checked assignments, proctored tests, and provided grades according to university standards.

Maintenance Intern | *PT PLN (Persero) ULPL TES Lebong* | **09/2020 – 11/2020**
- Reported back to the instructor to receive day-to-day tasks and responsibilities.
- Worked frequently with mechanical and plumbing systems to complete knowledge inspection and skilled repairs.
- Assisted in maintaining a clean and safe working environment.

Laboratory Assistant of Electronic | *Electronic Laboratory* | **09/2019 – 02/2020**
- Demonstrated skills and safety procedures to students during laboratory sessions.
- Checked assignments, proctored tests, and provided grades according to university standards.
- Set and oversaw quality assurance guidelines for laboratory work.

COURSES

Skill Academy, Create data warehouse for database architect

Decoding Academy, Learn data analysis in python

FreeCodeCamp, Responsive Web Design

FreeCodeCamp, JavaScript Algorithm and Data Structure

ACTIVITIES

Unisi Music Community | *Head of Management* | 11/2019 – 08/2020
- Lead group of 9 people.
- Collaborated with cross-functional teams to develop and implement strategic plans.
- Planned events and collaborated with other communities.

Electro Weeks | *The Chief Committee* | 03/2019 – 07/2019
- Set strategic goals and objectives for these 50 people.
- Oversaw existing activities, programs, and collaborations with other student organizations.