

MUHAMMAD HARIS HUMAIDI

Surakarta, Indonesia | harishumaidi16@gmail.com | Phone: +62 85702211357 | linkedin: [Muhammad Haris Humaidi](#) | <https://blue-skye-04.github.io/ProjectPortofolio>

Fresh graduated of Bachelor's degree in Electrical Engineering with a specialization in Information and Communication Technology. Experienced in variety of programming languages such as HTML, CSS, Js, PHP, Python, and C++. Has extensive experience in website and IoT development.

EDUCATION

SEBELAS MARET UNIVERSITY (UNS)

Bachelor Degree in Electrical Engineering | GPA 3.66/4.00

Surakarta, Indonesia

August 2019 – July 2023

Thesis: Advanced Development of Past Learning Recognition Information System in Engineering Profession Program UNS.

Relevant Courses: Information System, Big Data, IoT.

WORK EXPERIENCE

Computer and Networking Laboratory, Faculty of Engineer UNS

Surakarta, Indonesia

Lab Assistant

November 2020 – June 2023

- Maintenance of most of the websites and information system belonging to the Faculty of Engineering, UNS.
- Developing RPL Information System for Engineering Profession Program, UNS
- Developing KPTA-PWK Information System for final project and internship.
- Developing Laboratory Information System belonging to the Faculty of Engineering, UNS.
- Developing Smart Monitoring and Adaptive Control on Battery Energy Storage System – Read Data Inverter
- Developing web event for ICIMECE 2021
- Developing web event for ICIMECE 2023

SEBELAS MARET UNIVERSITY

Surakarta, Indonesia

Teaching Assistant in Courses Pemrograman Dasar dan Lab

August 2020 – December 2020

- Assists and teaches students in basic programming skills such as variables and operators, if-else statements, looping, and others.
- Graded and gave feedbacks based on their tests and laboratory reports.
- Assist and assess the results of projects carried out by students.

PROJECT

Past Learning Recognition Information System

Surakarta, Indonesia

Full-Stack Developer

September 2021 – January 2022

The RPL information system is used to carry out the academic process of recognizing past learning used by the UNS engineering professional study program.

- Lead the development team and determine the timeline and workflow.
- Responsible for developing the Back-End using the Laravel framework
- Responsible for developing the Front-End using Bootstrap.

KPTA-PWK Information System

Surakarta, Indonesia

Full-Stack Developer

July 2022 – November 2022

The KPTA-PWK Information System is used by students to manage the academic process of final projects and internships.

- Responsible for making mockups that will be used on the Front-End.
- In charge of developing the Front-End and Back-End of the seminar section.

Semar International IoT Challenge 2021

Surakarta, Indonesia

Web Developer

February 2021 – July 2021

Website used to provide information regarding the Sebelas Maret International IoT Challenge 2021 event.

- In charge of making mockups and Front-End displays using Native HTML.
- Maintenance and adding minor information after the website is finished until the event ends.

Monitoring Battery Energy Storage System (BESS)

Surakarta, Indonesia

Web Developer

November 2021 – January 2022

Is an IoT project developed to monitor data from solar panels.

- Responsible for creating a Front-End and Back-End that is used to monitor data sent from solar panel inverters.

- Create an API that is used to send data from the device to the server.

Monitoring Smart Farming SMA Pradita
Web Developer

Surakarta, Indonesia
 October 2021 – December 2021

Is an IoT project developed to monitor hidroponik farm using ESP32.

- Responsible for creating a Front-End and Back-End that is used to monitor data sent from ESP32.
- Create an API that is used to send data from the device to the server.
- Create code for sending and retrieving data from the server on the ESP32

International Conference on Industrial, Mechanical, Electrical, and Chemical Engineering (ICIMECE) 2021
Web Developer

Surakarta, Indonesia
 March 2021 – November 2021

Website used to provide information regarding the ICIMECE 2021 event.

- Responsible for making mockups that will be used on the Front-End.
- In charge of developing the Front-End and Back-End of the seminar section.

Laboratory Information System
Web Developer

Surakarta, Indonesia
 November 2020 – January 2021

Information system that provides information regarding usage schedules and reservations for laboratories in the engineering faculty.

- Responsible for creating the development flow
- Responsible for creating the back-end of the system being worked on
- Create front-end after getting mockup

LEADERSHIP AND ACTIVITIES

ELECTRICAL ENGINEERING UNS STUDENT ASSOCIATION (HMTE)
Senior Staff of Academic and Technology Development Division

Surakarta, Indonesia
 February 2021 – February 2022

- Develop and maintenance web event Semar International IoT Challenges 2021.

ADDITIONAL

Technical: HTML, CSS, Js, PHP, Python, C++, Laravel, Flask

Skills: Hard Working, High Learning Interest, Team Work, Problem Solving

Language: Bahasa Indonesia (Native Speaker), English (Intermediate).