MUHAMMAD HUSAINI

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PROFILE SUMMARY

My name is Muhammad Husaini Zuhdi. I have 2 years of professional work experience in research and developer company. My current position is as an intern student and a member of the IoT and digitalization division at PT Parametric Solusi Integrasi. PT Parametric Integration Solutions Parametric is a company engaged in the field of technical consulting. I have the ability to develop technology to solve problems effectively. My experience has been successful in implementing several IoT projects, software development and application development in collaboration with various stakeholders to solve the problems encountered. I have a great desire to continue learning and succeed in the world of technology, and ready to contribute to the company where I work

SKILLS

Electrical   : Cable Wiring, Microcontroller Arduino
Programming   : C/C++(Qt), PHP, Dart(Flutter), SQL,
App Dev Programming : Web app, Software Development, Mobile app, Data Analysis and Visualization
Networking   : Network Basic, Internet of Things
Cloud Computing   : Digital Ocean

EDUCATION

Undergraduate/ Electrical Automation Engineering   2019 – Now
Sepuluh Nopember Institute of Technology (ITS), Surabaya

WORK EXPERIENCE

Internship – Research and Development   September, 2021 – Now
PT Parametrik Solusi Integrasi, Bandung
- Engage in engineering product research and development from development to implementation such as IoT, software development and electric
- Teaching electrical basic SMK Bustanul Ulum students majoring in electrical engineering.

Student – Research and Development   September, 2020 – August 2021
ITS TEKNO SAINS, Surabaya
- Engage in engineering product research and development from development to implementation such as IoT, software development and electric
- Collaborating with industry, especially manufacturing in order to be able to solve a problem

Student – Research and Development   January, 2019 – September 2020
ITS Team Project Laboratory, Surabaya

- Responsible for both learning and research activities in the laboratory
- Collaborating with vocational schools for training on industrial automation
- Engage in engineering product research and development from development to implementation such as IoT, software development and electric
- Teaching electrical basic SMK Bustanul Ulum students majoring in electrical engineering

PROJECT EXPERIENCE

Internship – Research and Development

PT Parametrik Solusi Integrasi, Bandung

- Design and Implemented Internet of Things on Renewable Energy Microhydro for implemented in Kemuning village, Karanganyar
- Mobile apps development for data acquisition sensor from get API data logger (Raspberry pi) using flutter framework for implemented in Kemuning village, Karanganyar
- Dashboard monitoring development based on website using PHP for IoT in Microhydro Renewable Energy
- Development Smart Farming Greenhouse on Hydroponic Plants in Greenhouse Bandung
- ITS Final Project for Prototyping Industrial Internet of Things (IIoT) in Heavy Equipment and Fabrication in PT Parametrik Solusi Integrasi
- Prototyping IIOT in Heavy Equipment and Fabrication for implemented in PT TAKA Turbomachinery
- Dashboard monitoring development based on website using PHP for IIoT in Heavy Equipment and Fabrication.
- Software development as a gateway for sending data via the MQTT protocol using C++ and Qt Creator framework for implemented in PT Parametrik Solusi Integrasi
- Mobile apps development for QC Control process in electrical panel using flutter framework for implemented in PT EGA Tekelindo Prima
- Application Development Web Based for the Command Center for implemented in Lombok City

Student – Research and Development

ITS TECHNO SAINS, Surabaya

- Research and Development of OEE Systems for Digitalization in Industrial Manufacturing – PT Universal Tekno Reksajaya, Balikpapan

Student – Research and Development

ITS Team Project, Surabaya

- Web Based Dashboard Monitoring Renewable Energy PLTS On Grid
- Protoyping Overall Equipment Effectiveness System
- PLC based automatic galvalum cutting tool
- Trainer Robotic and Electrical Automation for the SMK Students

ORGANIZATION

- Laboratory student coordinator (Cyber Physical Robotic Industrial and Automation Laboratory)

TRAINING & SERTIFICATION

- Commite for Indonesian Robotic Olimpiade, Robokidz
- Fundamental of Networking, Course.net
- Fundamental of Dart Programming, Edspert.id
- Fundamental of Internet of Things, Edspert.id
- Fundamental of Data Analys, Revou

PROFESSIONAL REFERENCE

Dipl.– Aris Budiyarto

Director, PT Parametrik Solusi Integrasi

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