ALDI SURYA BRIANTAMA

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Hard-working engineering student at Universitas Gadjah Mada (Final year student) with a passion for manufacturing and digitalization. Experienced at FMCG IT Manufacturing area for 9 months duration (Internship & Undergraduate final project). Familiar with several Project Management tools & methods (Agile, Waterfall, Kanban etc). Eager to take on another job about digitalization project especially Industrial Internet of Things (IIOT), Backend Development and Data Analytics (TABLEAU).

WORK EXPERIENCE

PT Paragon Technology and Innovation   **Aug 2022 - Present**
Software Developer & Project Manager (Undergraduate Final Project)
Project : Refill Station with IoT Based
Supply Chain & IT Directorate (Backend Express JS Developer)
- **Working with many directorate user (PID, RnD, Eng, IT, and SCM).**
- **Organized and managed project with Agile Methodology.**
- **Discover project with some project management software such as Jira and Notion.**
- **Developed new WebApps refill station using Express JS (Backend) with RBAC.**
- **Proficient with git and github/gitlab (Online Repository).**
- **Designed Electrical wiring using Autocad Electrical**
- **Designed mockup and wirefreame of webapps refill station with figma**

PT Paragon Technology and Innovation   **Jan 2022 – Jul 2022**
Manufacturing Excellence Engineer Intern (Kampus Merdeka)
Supply Chain Management Directorate
One of the 154 participants with a total of 58,000++ applicants for internship (Kampus Merdeka) at PTI. Responsible to implement process improvement, digital transformation, as well as personnel development in manufacturing/factory scope.
Project :
- **Developes CRUD API WebApps with Laravel Framework (php) for Manufacturing Area to support production factory.**
- **Created Laravel Sanctum for security API Development.**
- **Connecting Company's ERP with System based on store.**
- **Developed FIRST Refilling Station with IoT integrated system in Indonesia.**
- **Designes and executed Counter System with IoT integrated local server to support Quality Control Production.**
- **Designed, Executed, and Making a factory data dashboard to minimalize loss using Tableau Live Connect Server.**
- **Improved quality assurance process to quality control process with digitalization sampling method with counter database and dashboard on flow report.**
- **Planned and documented all of business process document on two project such as User Requirement Specification (URS), Bill of Material (BoM), Software Requirement Specification (SRS), vendor pitching, IKA document, and SOP document.**

PT Pertamina (Persero)   **Nov 2021-Des 2021**
Instrument Engineer Intern
- **Analyzed Instrumentation and Control system equipment in Kilang VI Balongan.**
- **Discussing about PLC and DCS Controller at Production Process.**
- **Understanding how the boiler works on plant Kilang VI Balongan.**

PT PLN (Persero)   **Jul 2021-Aug 2021**
Student Trainee Internship
Accepted to take part in a "KMMI" short course held by the association of the Ministry of Research, Technology and Higher Education (Kemenrisetdikti) in collaboration with the Institute Teknologi Sepuluh November (ITS), focusing on analyzing the electric power system under the guidance of the PLN Persero (BUMN).
- **Focused on Analyzing the Electric Power System.**
- **Design and Simulating Electrical Power Bus System with ETAP software.**

EDUCATION

Undergraduate Student, Universitas Gadjah Mada   **2019-Present**
Majoring in Engineering Physics
- **One of the 154 participants with a total of 58,000++ applicants for internship (Kampus Merdeka) at PT Paragon Technology Innovation.**
- **Accepted to take part in a "KMMI" short course held by the association of the Ministry of Research, Technology and Higher Education (Kemenrisetdikti) in collaboration with the Institute Teknologi Sepuluh November (ITS), focusing on analyzing the electric power system under the guidance of PT PLN Persero (BUMN).**

ACTIVITIES

Kamalogis, Engineering UGM   **Jan 2021-Feb 2022**
Chairman
Kamalogis is an an organization that accommodates students to their passion for Instrumentation. Kamalogis members are trained to be able to understand the latest instrumentation technologies and related non-technical aspects.

KKN PEDULI BENCANA UGM SEMERU 2021   **Des 2021-Jan 2022**
Chairman (Kormanit)
KKN-PPM Peduli Bencana is a program that aims to help refugees affected by the eruption of Mount Semeru. Post-disaster recovery is carried out in various aspects such as physical, psychological, economic, social and environmental aspects.
- **Coordinating with KAGAMA (Keluarga Alumni Gadjah Mada) to execute the Humanity Program affected by Mount Semeru Eruption.**
- **Collaborated with the Regent of Lumajang.**
- **Collaborated with Laznas (Lazismu Lumajang).**
- **Collaborated and working together with chef team Manguni86.**

SKILLS & OTHER

Skills: Digital Manufacturing, Production activity (Related about MPQ), Tableau, Automation, MATLAB, Git (Version Control System), Python, DBMS PostgreSQL, PHP (Laravel), HTML, JAVASCRIPT, CSS, MQTT, WEBSOCKET.

My Personal Website Portfolio :
briantama87.github.io/
(Paste URL in your browser)