

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. Has 6 months of experience participating in internship program at FMCG Industry (IT Manufacturing area). Eager to take on another digitalization project especially about Industrial Internet of Things (IIOT), Backend Development and Data Analytics (TABLEAU).

WORK EXPERIENCE

PT Paragon Technology and Innovation

Jan 2022 – Jul 2022

Manufacturing Excellence Engineer Intern

Supply Chain Management Directorate

- Developed CRUD API WebApps with Laravel Framework (php) for Manufacturing Area to support production factory.
- Creating 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.
- Design and executed Counter System with IoT integrated local server to support Quality Control Production.
- Designed, Executed, and Making a factory data dashboard to minimize 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

- 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 (Kemenristekdikti) in collaboration with the Institute Teknologi Sepuluh Nopember (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 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: Manufacturing, Production activity (Related about MPQ), Tableau, Automation, MATLAB, Git (Version Control System), Python, DBMS PostgreSQL, PHP, HTML, JAVASCRIPT, CSS, MQTT, WEBSOCKET.

My Personal Website Portfolio :

briantama87.github.io/

(Just paste the URL in your browser)