

ALDI SURYA BRIANTAMA

aldisurya87@gmail.com • linkedin.com/in/aldisb • brianama87.github.io/

Final Year Engineering Student at Universitas Gadjah Mada with a demonstrated history of working at consumer goods industry. Experienced in Internet of Things Assembly Development and Digital Manufacturing to support Supply Chain activity for 1(one) year internship at Indonesia's biggest cosmetics FMCG company, PT Paragon Technology & Innovation. Familiar with several Project Management tools and methods such as Agile, Waterfall, and Kanban.

WORK EXPERIENCE

PT Paragon Technology and Innovation

Aug 2022-Present

Software and Digital Manufacturing Engineer (Undergraduate Final Project)

Project: Refill Station with IoT Based

Supply Chain Digital Manufacturing & IT Directorate (Backend Express JS Developer)

- Worked with many directorate users (PID, RnD, Eng, IT, and SCM).
- Organized and managed project with Agile Methodology.
- Discovered 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 wireframe of webapps refill station with figma.
- Designed webapps with long-polling HTTP requests and WebSocket protocol.
- Developed new WebApps to digitalize Quality Assurance process for each production line.

Manufacturing Excellence Engineer Intern (Kampus Merdeka)

Jan 2022 – Jul 2022

Supply Chain Management Directorate

One of the 154 participants with a total of 58,000++ applicants for internship (Kampus Merdeka).

Project:

- Developed FIRST Refilling Station with IoT integrated system in Indonesia.
- Designed 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
- 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.
- Learned and applied inventory using FIFO (First in First Out)
- Organized JIT (Just in Time) and JIC (Just In Case) in Supply Chain area
- Learned how ERP (Enterprise Resource Planning :oddo) managed all entire business process
- Learned how MES (Manufacturing Execution System: Flow Report) organized raw material to finish good

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 (Kemenristekdikti) in collaboration with the Institute Teknologi Sepuluh Nopember (ITS), focusing on analyzing the electric power system under the guidance of the PLN Persero (BUMN).

- Focused on Analyzing the Electric Power System.
- Designed and Simulated 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 & OTHERS

Skills: Digital Manufacturing, Production activity (Related about MPQ), Enterprise Resource Planning (ERP), Manufacturing Execution System (MES), Tableau, Automation, MATLAB, Git, Python, DBMS PostgreSQL, PHP, HTML, JAVASCRIPT (proven with my apps), CSS, MQTT, WEBSOCKET.

My Personal Website Portfolio:

<http://briantama87.github.io/>

(Paste URL in your browser)