

MUHAMMAD IQBAL

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I am a Bachelor of Electrical Engineering at Sriwijaya University with a strong interest and passion for the field of electricity. I have experience working at PT. Alam Perkasa Lestari as a Production Operator (coding) and completed an internship program at PT PLN ULTG Bombaru Palembang as a Maintenance Engineer. Additionally, I have worked as a freelance project leader at Memorio Creative, a vendor. I am proficient in operating software such as Microsoft Office (Word, Excel, PowerPoint), SketchUp, ETAP, Canva, and Picoscope. I am skilled in using electrical tools like multimeters and AVO meters. My experience in organizational activities has also honed my leadership skills, public speaking, and problem-solving abilities. I am an adaptable individual who thrives in new environments and enjoys learning new knowledge while deepening existing expertise. I am currently seeking job opportunities that can further develop my skills. and knowledge.

WORK EXPERIENCE

PT. Alam Perkasa Lestari, Palembang

Production Operator (Coding)

December 2024 – March 2025

- Ensuring the accuracy of product expiration date coding
- Performing repairs on Markem Imaje machines and print heads as needed
- Generating reports on coding expiration dates
- Conducting regular cross-checks on coding according to scheduled timelines
- Proficient in operating Coding Cup and Coding Box equipment
- Skilled in reading and interpreting coding identifications.

Memorio Creative, Palembang

Leader Project

August 2023 – December 2024

- Overseeing and managing all incoming projects
- Actively supervising and monitoring project progress, and assessing crew performance
- Performing quality control checks on the output produced by the crew
- Holding overall responsibility for the School Yearbook production process.

Laboratory of High Voltage and Electrical Measurement Engineering, Sriwijaya University

High Voltage & Electrical Measurement Laboratory Assistant

October 2022 – June 2023

- Became a High Voltage Laboratory assistant teaching about AC high voltage generation and measurement.
- Explains about breakdown voltage on insulators to more than 50 students.
- Explaining the function of the potentiometer measuring instrument
- Checking and grading the reports made by the students.

PT. PLN (Persero), Palembang

Industrial Practice

June 2022 – July 2022

- Performing routine maintenance on substation equipment (Feeder, Circuit Breaker, Current Transformer)
- Generating maintenance reports
- Providing assistance and hands-on support for repairing substation damage that leads to power outages in the ULTG area
- Proficient in utilizing testing equipment, including Insulation Testers and Contact Resistance Testers.

ORGANIZATION EXPERIENCE

Public Relations Department of Himpunan Mahasiswa Elektro (HME)

Expert Staff

April 2020 – April 2022

- Responsible for carrying out the project of the Public Relations Department
- Help find solutions to solve problems.

Development of Student Potential and Resources of Student Executive Board (BEM)

March 2021 – November 2021

Head of Department

- Coordinating and overseeing all activities of the Faculty of Engineering Student Executive Board
- Mentoring and integrating all members of the Faculty of Engineering Student Executive Board

Development of Student Potential and Resources of Student Executive Board (BEM)

February 2020 – January 2021

Entry-Level Staff

- Providing support for all activities conducted by the Faculty of Engineering Student Executive Board at Sriwijaya University
- Serving as a committee member and actively contributing to all events hosted by the Faculty of Engineering Student Executive Board at Sriwijaya University

EDUCATION

Electrical Engineering, Sriwijaya University

August 2019 – July 2023

- GPA : 3.76/4.00 (Cumlaude)
- Holding the position of Chairman for the 2019 Cohort of Electrical Engineering Students at the Palembang Campus
- Thesis : The Effect of Mechanical Stress On The Breakdown Voltage of Surfactant Modified Al₂O₃ Filled SiR Insulating Materials

SMA Negeri 22 , Palembang

July 2016 – May 2019

SKILLS & CERTIFICATION

- **Soft Skills :** Leadership, Teamwork, Problem Solving, Good Communication, Adaptive.
- **Hard Skills :** Microsoft Office (Word, Excel, PPT), ETAP, Sketch Up, Canva, Picoscope.
- **Languages :** Indonesian (Native), English (TOEFL: 507)
- **Certification :** Awareness Training Environmental Management System Based on ISO 14001:2015 (2025), Awareness Training Occupational Health & Safety Management System Based on ISO 45001:2018 & SMK3 PP no 50 Tahun 2012 (2025), Electromagnetic Compatibility Participant UTEM-UNSRI Virtual Mobility Program (Signals and Systems & Elektromagnetic (2023)