

Curriculum Vitae

BHAKTI PRADANA ROESYADI

Place, Date of Birth : Nganjuk, May 24th 1998

Sex : Male

Marital Status : Single

Nationality : Indonesian



EDUCATIONAL BACKGROUND

Institute : **Politeknik Negeri Malang**

Major : Electronic Engineering

Graduate : Bachelor of Applied Science with GPA 3.39/4.00

Period : 01 Sept 2016 – 04 Sept 2020

SUMMARY

Graduated with a Bachelor of Applied Science in Electronic Engineering, State Polytechnic of Malang, with core competencies covering operation, maintenance, design, and system control. Certified for PLC programming, control and instruments, basic and design of rooftop PV. Ever trusted to be the General Chairman of the Board of Representatives of Polinema students. Experienced in Engineering with an Assistant Engineer position in a manufacturing company.

CORE COMPETENCIES

- Instrumentation and Electrical Measurement
- Operation and Programming of PLC and Pneumatics
- Microcontroller Programming
- DCS and SCADA controls

PROFESSIONAL EXPERIENCES

1. Engineer / PT. Dynacast Indonesia / April 15th 2021 – April 14th 2022

- Observation post Casting 1 and 2 area for improvement.
- Electrical wiring and electrical designing.
- PLC Programming.
- Machine troubleshooting.
- Evaluation and investigation related quality issue from the jig and machine.
- Support production related with customer complain and quality issue for CAPA
- Ensure the Workshop and working area are comply to safety and 5S requirements.

2. Inspector / PT. Surveyor Indonesia / Februari 3rd – Juli 31st 2020

- Implementing Fire Alarm Certification at PT MU Semen
- Carry out inspection and re-certification of crane hoists, eye blocks, lever blocks, shackles, chain blocks, JRGs, wire slings, webbing at PT. POMI Paiton
- Carry out a Gondola Load Test
- Inspected and re-certified Flexible Hose, Pneumatic Rubber Finder at PT. Pertamina STS Kalbut, Situbondo
- Making Reports & Recommendations on Inspection Results of PT PLN (GI Baturiti, GI Negara)

Permanent Address : Ringin Anom, Nganjuk

Domicily Address : Taman Baloi, Batam Centre

Email : bhaktipradana24@gmail.com Handphone : +62 85331231989

Curriculum Vitae

- Making Field Report Shackle, Turn Buckle, JRG, Webbing, Wire Sling at PT POMI Paiton
- Carry out Pump Verification (Megger Test) at pump houses in Surabaya
- Conducted a Commissioning Test at the Simolowaru I pump house in Surabaya
- Using hand tools, instruments, gauges and equipment for measurement and recording of measurement results.
- Perform tool calibration to get appropriate results.
- Checking the shape, size and condition of industrial equipment to ensure safety before being used for work.

3. Instrument Technician / PT. PJB UBJ O&M PLTU Rembang / June 17th – July 17th 2019

- Checking the Solenoid Valve in Inlet Field 1.
- Study and interpret equipment manuals, circuit diagrams, blueprints and schemes to determine corrective actions for repair, calibration and installation.
- Operate multimeters, oscilloscopes and other electronic testing devices to diagnose equipment problems accurately.
- Perform preventive Maintenance of Factory Systems.
- Performing the work of the PM-2D Condensate Polishing Plant Instrument.
- Perform IAC C drain valve normalization.
- Providing Suggestions To Improve The Backwash System On The Debris Filter.
- Instrument work for Fuel Oil Burner-28D.

4. Drafter Electrician / PT. POMI Paiton / August 10th – Oct 16th 2015

- Re-Drawing Electrical System Power Plant.
- Re-Drawing Pneumatic System Power Plant.
- Maintained excellent attendance record, consistently arriving to work on time.
- Interpreted project specifications and delivered layouts for new electrical systems and component installations.

ACHIEVEMENT

1. Being a speaker at an online seminar held by the Blitar Regional Forum with the theme the role of students during the Covid-19 pandemic 2020.
2. Becoming the Presidium of the Session at the National Work Deliberation of the Indonesian Student Legislative Council Forum at the Muhammadiyah Mataram University in 2018
3. Becoming the Presidium for the Student Consensus Deliberation Session at the State Polytechnic of Malang in 2017.
4. 2nd Best student majoring in Industrial Automation Engineering SMK Mambaul Ulum

TRAINING / SEMINAR

1. Industrial Automation (ASC Standard) (Training - February 17th, 2021)
2. Implementation of the Gas Metering System in the East Kalimantan Block-Orifice Gas Meter (February 10th, 2021)
3. The Concept of Instrumentation and Control Design in the PLTU Feed Water System (February 2nd, 2021)
4. Oil and Gas Industry Automation Instrumentation (January 27th, 2021)
5. Peran Industri dalam Mendukung Ketahanan dan Kemandirian Energi Nasional – National Youth Summit For Renewable Energy 2020 (August 8th 2020)
6. Solar PV System Training Series : From Basic to its Productive Use – Energy Academy Indonesia (July 1st 2020)
7. Solar-Powered Tropical Architecture – Indonesian University (July 30th 2020)
8. Awareness of Project Management Training – ITS Tekno Sains (April 6-7th 2020)
9. Basic and Design of Rooftop PV – Regen Power Pty. Ltd. Australia (20-22 December 2019)
10. Quality Management System K3 – PT. Centra Artha Prima Indonesia (18-19 October 2019)

SKILLS

- **Computer Skills** : AutoCAD, SolidWork, Microsoft Office (Word, PowerPoint, Excel), Mikrokontroller, PLC Software
- **Language Proficiency** : English (Intermediate), Indonesia (Native)

ORGANIZATION

1. **General Chairman of the Malang State Polytechnic Student Representative Council (2018-2019)**
 - Develop a performance plan for one period
 - Responsible for the Organization of the Student Representative Council State Polytechnic of Malang for one period in accordance with the work plan that has been made
 - Representing Student Representative Council State Polytechnic of Malang in internal and external campus activities
2. **Customary Holders of the Scout Troop Council (2015-2016)**
 - Maintain, practice and carry out the prevailing customs of the troop
 - Maintain the heirloom of the Ambalan
 - Able to accompany Pradana in carrying out his duties
 - Able to make decisions with alacrity
3. **Head of OSIS SMK Mambaul Ulum (2014-2015)**
 - Coordinating all members of the board
 - Determine the policies that have been prepared and determined at the meeting
 - Establish policies and make decisions based on deliberation and consensus
 - Evaluate the performance of the management

CERTIFICATION

1. PLC Programming
2. LSA 1 (Solar Electricity Rooftop 1) – Basic and Design of Rooftop PV
3. Pneumatic System Assembly and Operation
4. Quality Management System

PAPER

- Optimization of Solar Charge Control with 100wp Power using Maximum Power Point Tracking (MPPT)
Testing MPPT technology with the Incremental Conductance, Perturbation and Observation algorithm and providing comparison results between the two methods of 100wp Solar Charge Control

PERSONALITY

Having a personality that is committed and target-oriented, has high motivation to progress and develop. Organizational skills acquired during school and lectures as well as excellent interpersonal, hardworking and flexible with the drive to succeed, have presentation skills, always prioritize standards, and apply K3.

HOBBIES & INTEREST

- Sport (Cycling, Hiking, Traveling)
- Study (Attend Seminars, Attend Training)