

NAZWA NURSILLIYAH INADITA PUTRI

Electrical Engineering Student | Industrial Instrumentation & Automation Enthusiast

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Depok, West Java

EDUCATION

2022 – now **Jakarta State Polytechnic (Politeknik Negeri Jakarta)**
Industrial Electronics Engineering, Electrical Engineering Department
IPK : 3.32

ORGANIZATION AND INTERNSHIP ACTIVITIES

Campus Organizations

- **KSM PARIKESIT (Eco Car Team)**
Part of the electrical division in designing an environmentally friendly energy-efficient vehicle with ethanol fuel on the Urban Concept.
- **KSM Psycorobotic**
Being part of the Education and Science (P&K) division, where Psycorobotic is a student study group under the auspices of the electrical engineering association in designing and programming robots.

Internship

PT Indocement Tunggal Prakarsa Tbk, Plant 3/4 – Citeureup, Bogor (*Aug 2024 – Dec 2024*)

- Calibrated field instrumentation devices, including pressure transmitters, flowmeters, and temperature sensors, to ensure measurement accuracy.
- Assisted in inspection and preventive maintenance activities under HSE (Health, Safety & Environment) guidelines.
- Supported troubleshooting and performance testing of field instruments and control panels in a cement plant environment.
- Designed and implemented a web-based inventory management system for the Instrument Workshop, improving spare parts tracking and data accessibility.
- Collaborated with the Instrument Superintendent on daily operations and observed real-time process monitoring in the Central Control Room (CCR).
- Gained exposure to basic welding practices and reinforced understanding of field safety protocols and communication procedures.

PERSONAL SKILLS

Hard Skills • Instrument Calibration, Troubleshooting, Maintenance
 • Microsoft Office, Proteus, Arduino IDE
 • MySQL/phpMyAdmin, Dev-C++
 • SCADA (Vijeo Citect), PLC (Schneider, Arduino)

Soft Skills • Critical Thinking & Problem Solving
 • Teamwork & Adaptability
 • Curiosity & Fast Learner
 • Responsible & Detail-Oriented

Language Bahasa Indonesia (Native)
 English (Intermediate)

COMPETITION EXPERIENCE

- 2023 Shell Eco-marathon Asia-Pacific and the Middle East
Participated as part of the Electrical Team in designing a fuel-efficient ethanol-powered vehicle for Urban Concept category.