

FADHIL MUHAMMAD AFIF

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SUMMARY

A Fresh graduate of D4 Automation Engineering Technology or equivalent to Electrical Engineer of Politeknik Manufaktur Bandung, with internship experience as an electrical engineer at a company engaged in IT & Integration consulting services. Accustomed to programming various types of PLCs, such as OMRON, Siemens, Beckhoff, and Schneider.

EXPERIENCE

PT. Multi Platform Sistem – Bandung, Indonesia

Electrical Engineer – Intern (March 2023 – October 2023)

- Create and install a web-integrated power monitoring panels at Tokopedia Tower and Telkom University
- Making a green house monitoring panel with Raspberry Pi
- Maintenance of monitoring system panels at PT Rusli Vinilon Sakti
- Integrate process monitoring panel on industrial machine to capture data.

ORGANIZATIONAL EXPERIENCE

POLITEKNIK MANUFAKTUR BANDUNG

- Chairman of Biro Operasional HIMAMO (Himpunan Mahasiswa Jurusan) 2022 – 2023
- Member of Biro Operasional HIMAMO (Himpunan Mahasiswa Jurusan) 2020 – 2022
- Member of Unit Kegiatan Mahasiswa (UKM) OTOMASI 2022 – 2024

SMA NEGERI 9 BANDUNG

- Member of Computer Extracurricular – Programming division 2017 – 2019

PROJECT EXPERIENCE

Final assignment 2024
Making a battery charger by utilizing wind energy whose charging voltage can adjust automatically to the needs of the battery.

Making a Lift Module – PLC Trainer 2022
It consists of 4 floors, with the same function as a real elevator.

ACHIEVEMENT

BNSP Certificatuion of Industrial Automation 2023
Automation Maintenance Junior Engineer competency that is valid for 3 years (2023-2025)

EDUCATION

POLITEKNIK MANUFAKTUR BANDUNG 2020 – 2024
Department of Manufacturing Automation and Mechatronics Engineering – Automation Engineering Study Program.
• GPA 3.35/4.00

SMA NEGERI 9 BANDUNG 2017 – 2020
Math and Science Study Program (MIPA)
• School Exam (average) 80.80/100

SKILLS

HARD SKILL

- Office Software & Management (Microsoft Office & Google Suite)
- PLCs & HMIs (Omron, Siemens, Beckhoff, Weintek)
- SCADA (Wonderware InTouch, Aveva Edge, TopKapi)
- Pneumatic & Electropneumatic
- Microcontroller Programming
- Ability to create and understand electronic circuits
- 2D/3D Design & Modelling (CorelDraw, Inkscape, SolidWorks)
- Visual Basic Programming

SOFT SKILL

- Discipline
- Responsible
- Time Management
- Troubleshooting
- Don't Panic Easily
- Teamwork

LANGUAGE

- Bahasa Indonesia
- English (C1.1 Advanced)