

FADHIL MUHAMMAD AFIF

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SUMMARY

A Fresh graduate of D4 Automation Engineering Technology of Bandung Manufacturing Polytechnic, 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
- Integrate process monitoring panel on industrial machine to capture data.

PENGALAMAN ORGANISASI

POLITEKNIK MANUFAKTUR BANDUNG

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|--------------------------------------------------------------------|-------------|
| • 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

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|-------------------------------------------------------------|-------------|
| • Member of Computer Extracurricular – Programming division | 2017 – 2019 |
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PROJECT EXPERIENCE

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| • 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. | |

PRESTASI

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

EDUCATION

SMA NEGERI 9 BANDUNG (2017 – 2020)

Math and Science Study Program (MIPA)

- School Exam (average) 80.80/100

POLITEKNIK MANUFAKTUR BANDUNG (2020 – 2024)

Department of Manufacturing Automation and Mechatronics Engineering – Automation Engineering Study Program.

- GPA 3.35/4.00

SKILLS

HARD SKILL

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|-------------------------------------------------------------------------|-----------------|
| • Ms. Office (Ms. Word, Ms. Excel, Ms. PowerPoint, Ms. Project) | • KEPServerEX-6 |
| • Google (Google Docs, Google Spreadsheets, Google Slides, Google Form) | • Arduino |
| • Cx-Programmer, Cx-Designer, NB-Designer (PLC Omron) | • TopKapi |
| | • Zelio Soft |
| | • Proteus |
| | • Fluidsim |
| | • Solidworks |

- Electrical Control Techniques Simulator (EKTS)
- TIA Portal (PLC Siemens)
- TwinCAT (PLC Beckhoff)
- Wonderware InTouch
- EasyBuilder Pro (HMI Weintek)
- Eagle
- Visual Basic
- CorelDraw, Inkscape
- Adobe Photoshop

SOFT SKILL

- Teamwork
- Responsible
- Discipline
- Can Accept Criticism Well
- Time Management
- Don't Panic Easily
- Troubleshooting

LANGUAGE

- Bahasa Indonesia
- English (C1.1 Advanced)