

AGIL ALI

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Padang, Sumatera Barat, 25137

PROFILE

Bachelor's degree graduate in Electrical Engineering with a strong willingness to learn, adaptable to technological advancements, and capable of working effectively both independently and as part of a team. Possesses knowledge and skills in Electrical Engineering, including electrical system design, power system analysis, and Building Information Modeling (BIM) using Autodesk Revit. Proficient in ETAP for power system analysis, AutoCAD for technical drafting, and DIALux for lighting system design. Skilled in technical analysis, troubleshooting, and knowledgeable in industrial electrical systems. Committed to continuously enhancing my technical expertise and contributing to the development of safe, efficient, and reliable electrical solutions in a dynamic and professional work environment.

EDUCATION

Bung Hatta University | Bachelor of Electrical Engineering (September 2021 – April 2026)

- **GPA : 3.61**
- **Relevant Courses:** MEP (Mechanical, Electrical, Plumbing), SCADA (Supervisory Control and Data Acquisition), PLC (Programmable Logic Controller), Electrical Machines, Power Electronics, and Power System Analysis.
- **Achievment :**
 - Participated in a student exchange program at Universitas Pamulang, gaining academic and cultural experience in a different learning environment.
 - Competed in a Business Plan Competition at UIN Imam Bonjol Padang, developing skills in teamwork, creativity, and business strategy development.

WORK EXPERIENCE

Electrical Technician – PT Elang Consus Jaya – Padang, Sumatera Barat (February 2026 – March 2026)

Job description:

- Performed maintenance, repair, and installation of electrical systems.
- Installed and replaced kWh meters, MCBs, and other electrical equipment.
- Conducted inspections and troubleshooting to ensure system reliability.
- Applied electrical safety standards and procedures in daily operations.

Power Electronics Laboratory Assistant – Bung Hatta University (November 2025 – January 2026)

Job description:

- Assisted in preparing and conducting Power Electronics laboratory sessions, including experimental equipment and circuit setup.
- Guided students in understanding power electronics concepts and system operations.
- Coordinated with lecturers and laboratory technicians to ensure smooth laboratory activities.

Electrical Machines Laboratory Assistant – Bung Hatta University (December 2025 – March 2026)

Job description:

- Assisted in testing and operating transformers, induction motors, and generators during laboratory sessions.
- Guided students in the proper use of measuring instruments and testing procedures.
- Ensured laboratory safety and maintained an organized working environment.

INTERNSHIP EXPERIENCE

PLN Indonesia Power PLTA SINGKARAK – Lubuk Alung Padang (September 2024 – November 2024)

Job description:

- Conducted inspection, testing, and maintenance of high-voltage electrical equipment.

- Performed preventive maintenance on 150 kV transformers and four 52 MVA generators.
- Conducted generator insulation resistance testing and switchyard equipment inspections (LA, CT, and VT).
- Applied safety procedures in power system operation and maintenance activities..

ORGANIZATIONAL EXPERIENCE

Student Association of Electrical Engineering – Bung Hatta University (September 2021 – March 2026)

Job description:

- Established communication between institutions both within Bung Hatta University and with external S
- organizationsCollaborated with internal and external campus parties in receiving institutional visits

Entrepreneurship Student Activity Unit – Bung Hatta University (September 2023 – March 2025)

Job description:

- Managed social media platforms for event promotions and organizational publications.
- Coordinated team members to ensure effective task distribution and workflow management.
- Planned and organized digital content for events and announcements.

TRAINING OF CERTIFICATIONS

- Training in Low-Voltage Electrical Distribution System Design Using AutoCAD, ETAP, and DIALux | Udemy | July 2026
- Training AK3U | PT Nagan Training | Juli 2026
- BIM Training Using Autodesk Revit | Udemy | May 2026
- Internship PLTA Singkarak | PLN Indonesian Power | September 2024 – November 2024
- Daikin HVAC Software Training | PT. Daikin Air Conditioning Indonesia | March 2024
- Dialux Lighting Design Software Training| PT. Philips Indonesia | July 2024

SKILLS AND LANGUAGE

Technical Skills :

- Electrical Installation
- Electrical Equipment Maintenance
- Basic Instrumentation
- Autodesk Revit (BIM MEP Modeling)
- AutoCAD
- ETAP (Electrical Transient and Analysis Program)
- DIALux
- Microsoft Office (Word, Excel, Visio, PowerPoint)

Soft Skills :

- Analytical and Problem-Solving Skills
- Electrical Troubleshooting
- Communication and Teamwork
- Adaptability and Fast Learning
- Time Management
- Attention to Detail and Responsibility

Languages :

- Bahasa Indonesia (Native)
 - English language (Professional Working Proficiency)
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