

Abdullah Alajmi

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Professional Summary

Renewable Energy Engineering graduate from Fahad Bin Sultan University in Tabuk, specialized in power generation, distribution, and energy systems. Completed practical training at the Saudi Electricity Company, gaining substantial exposure to operation and maintenance processes. Contributed to advanced academic projects such as the optimization of hydrogen plants using solar energy, with a focus on technical reporting and system testing. Acquired proficiency in engineering design and simulation software including Revit, AutoCAD, and ETAP. Practical experience was further developed through active involvement in electrical engineering and sustainability clubs. Well-prepared to apply specialized knowledge in photovoltaic systems, distribution networks, low-voltage systems, and lighting design to support sustainable energy infrastructure.

Education

Bachelor of Renewable Energy Engineering | Fahad Bin Sultan University | Tabuk | August 2025

Professional Experience

Operations and Maintenance Trainee | Saudi Electricity Company | Tabuk | 2 months | August 2025

- Conducted field research and participated in site visits to inspect distribution systems and study operational processes.
- Supported operational activities through preventive and corrective maintenance tasks and technical procedure analysis.
- Prepared detailed training reports documenting outcomes and acquired technical knowledge during the program.

Training Courses

- **Revit MEP** | Peak Solutions Center | Tabuk | October 2025
- **Lighting Systems** | Peak Solutions Center | Tabuk | October 2025
- **Low current Systems** | Peak Solutions Center | Tabuk | October 2025
- **Power Distribution** | Peak Solutions Center | Tabuk | September 2025
- **Photovoltaic Energy Systems** | Fahad Bin Sultan University | Tabuk | September 2024
- **OSHA Basics of Occupational Safety and Health Standards** | TVTC | Tabuk | September 2024
- **Intensive Language and Culture Course** | Virginia Tech Language & Culture Institute | Blacksburg | US | 11 months | December 2020

Key Projects

Hydrogen Plant Optimization | Graduation Project | August 2025

- **Description:** Independent system powered solely by solar energy to enhance hydrogen plant efficiency and provide energy for both electric and hydrogen vehicles.
- **Role:** Report preparation and system testing.

Memberships

- **Engineer | Saudi Council of Engineers | September 2025**

Achievements

- **Completed a specialized course in Process Engineering with ENOWA involving multiple applied projects.**

Additional Information

- **Electrical Engineering Club President | Senior Year 2025**
- **Sustainability Club Member | Fahad Bin Sultan University | Since 2023**
- **Holder of a valid Saudi Driving License.**

Skills

Soft Skills: Effective Communication | Time Management | Problem Solving | Working Under Pressure | Teamwork.

Practical Skills: Project Management | Technical Report Writing | Data Analysis | Maintenance Management | Quality Control | Decision Support | Risk Management | Field Research | Training & Development | Technical Review.

Technical Skills: Electrical Distribution Systems | Solar Energy Systems | Low Voltage Systems | Lighting Design | Power Network Analysis | Engineering Simulation Tools | Revit | AutoCAD | DIALux | PVSyst | ETAP | POV-Ray | Microsoft Excel | Microsoft Word | Microsoft PowerPoint | Microsoft Outlook.

Languages

- Arabic: Native
- English: Advanced