

KHALED ALAMRANI		
Contact		
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Summary		
Electrical Engineer with a background in designing, testing, and implementing electrical systems. Skilled in using industry-standard software for analysis and design. A team player with a focus on delivering projects efficiently and within budget. Eager to apply knowledge and practical experience to contribute to innovative solutions and drive success.		
Experience		
Saudi electricity company Tabuk, KSA		Sept -Nov 2023
<ul style="list-style-type: none"> Electric Engineer Intern: <ul style="list-style-type: none"> -Design and develop electrical systems. -Conduct feasibility studies and cost estimation for electrical projects. -Provide technical support to manufacturing and installation teams. - Reviewed electrical schematics, load calculations, and system designs for compliance with industry standards. 		
Education		
Tabuk University Tabuk, KSA		Jan 2019 – June 2024
<ul style="list-style-type: none"> Bachelor of Electrical Engineering with second Class Honor (GPA: 4.3/5) 		
Projects		Certification
<ul style="list-style-type: none"> -Electronics Engineering Project: <ul style="list-style-type: none"> -A DC to DC converter in a PV system regulates voltage levels between components like solar panels, batteries, and loads. It ensures stable voltage output for efficient charging and power supply. Its role is crucial for optimizing system efficiency by minimizing power losses during voltage conversion -Renewable energy city project: <ul style="list-style-type: none"> -A simple city designed to operate entirely on renewable energy, utilizing solar panels, wind turbines, and smart grids. The project aims to reduce carbon emissions, promote environmental conservation. 		<ul style="list-style-type: none"> - Exploring Renewable Energy Schemes - Solar Energy Basics -Standardized Test of English Proficiency (STEP) - Professional Accreditation – Saudi Council of Engineers
Additional Information		
<ul style="list-style-type: none"> - IT Skills: Microsoft Office, MATLAB SIMULATION, EAGLE simulation, C++ Programing, Computer numerical control (CNC) - Soft Skills: Presentation, Slide Writing & Story lining, Effective Communication, Problem-solving, Team lead. - Languages: English, Arabic. 		