

AYUB HAMID AHMAD

Electrical and Computer Engineer

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To pursue a highly rewarding career, seeking for a job in challenging and healthy work environment demanding all my skills and efforts to explore and adapt myself in different fields and realize my potential where I get the opportunity for continuous learning. To serve the nation in technical advancement.

Education

- Bachelor Degree of Electrical & Computer Engineering/ University of Duhok

2023-2024
  - High school: from Kalat High School

2019-2020

Certification & Training (From 2021-2023)

- Electrical Systems:

    - AC and DC Motors
    - AC and DC Generators
    - Power Systems
    - Electrical Installations
    - Circuit Breakers Basics
    - Renewable Energy Systems
  - Automation and Programming:

    - PLC Software Programming and Installations
    - Electrical AutoCAD Design and Estimation
    - MATLAB Programming
    - Automation Systems using Python Language

- **Computer Science:**

- ASSEMBLY Programming Language
- Cisco Packet Tracer
- Python Programming Language
- C++ Programming Language
- Microsoft Word and Excel
- Networking Fundamentals

## Projects

- **Face Detection Based-Entrance Control** **2022-2023**  
Developed a face detection system using Python Language.  
Implemented entrance control mechanisms based on facial recognition.
- **Social Distance Inductors Using Ultrasonic Sensor** **2022-2023**  
Designed and implemented a social distancing solution utilizing ultrasonic sensors.  
Developed algorithms to monitor and alert individuals on maintaining safe distances.
- **PV Panel System Connecting** **2021-2022**  
Executed a project on connecting Photovoltaic (PV) panel systems.  
Explored efficient methods for interconnecting solar panels to enhance energy production.
- **Electrical Lighting Estimation for a Restaurant** **2020-2021**  
Applied lighting design principles and utilized AutoCAD for accurate calculations.

## Work Experience

- **1<sup>st</sup> July 2023 up to 1<sup>st</sup> January 2024, IHSAN ELECTRIC GROUP Company**
  1. Led a team as an Electrical Engineer at Ihsan Electric Company.
  2. Addressed challenges related to smart meters, pole phases, and circuit breakers.
  3. Managed a geographically diverse area encompassing multiple regions.
  4. Successfully resolved over 4000 electrical points during the tenure
- **Internship** **2022-2023**
  1. Directorate of Duhok Electricity Transmission
  2. Duhok Distribution of electricity of Duhok
  3. General Directorate of Electricity of Duhok

- **Power Generation:** My experience includes working with various electricity generation methods and their respective processes in Duhok, such as the KASHE gas station, the primary electricity generation facility in the region, and the implementation of solar systems in specific areas. I've also evaluated their efficiency.
- **Transmission:** My expertise extends to understanding the operation of transformers, including their components and functions. Additionally, I have hands-on experience with the components of transmission infrastructure, including insulators, cables, and connectors.
- **Distribution:** My role has involved managing the distribution of electricity, with a focus on how phases and voltage are directed to specific buildings in the area.

## Skills

- Machine Learning
- Telecommunication
- Programming Languages (C++, Python, HTML, CSS)
- Operating Systems

## Technical Skills

Technical	Electrical Installations
Packages	PLC Software

## Languages

<u>Language</u>	<u>Level</u>
English	Very Good
Arabic	Good
Kurdish	Mother Tongue

## Soft Skill

- Communication skills
- Team working
- Working under the pressure
- Time management

Personal Sketch

Nationality: Iraqi  
Date of Birth: 28<sup>th</sup> July 2001  
Spousal Status: Single