

# Abdulaziz Abusaada

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## ELECTRONICS ENGEENER

Passionate electronics engineering graduate with a strong competitive drive to deliver tasks on time and attention to detail that ensures exceptional outcomes. Have a deep interest in automation, chip design ,and embedded systems, Seek opportunities to innovate and improve processes. My dedication is to continuously learning and problem-solving which enables me to make meaningful contribution to cutting-edge projects and drive impactful results.

### EDUCATION

Princess Sumaya University for Technology | Amman, Jordan

#### Bachelor's of Science Degree

Electronics Engineering

Sep 2019 - Aug 2024

### CERTIFICATES

Program PLC ,Scada ,and HMI course by Automaxion.

Feb 2025

Instrumentation ,classic control ,PLC ,DCS ,and SCADA courses by ILTC

Apr 2025 -Aug 2025

### SKILLS

MATLAB

Problem Solving

Simulink

C

Teamwork

Arduino IDE

Troubleshooting

Verilog

Debugging

## PROFESSIONAL EXPERIENCE

Sep 2025 - Now

**CEEC (ZTPC) Ghazlan 1 Expansion CCGT IPP Power Project (3.2GW) | Eastern Province, Saudi Arabia**

**Document Controller ,Quality Department**

- Document management includes uploading, tracking, numbering, and archiving.
- Document compilation and summary.
- Official corresponding to the Owner/Owner Engineering Co (OE) via Think Project System (TP).
- Daily, weekly, and monthly reports monitoring and management in TP.
- Project documents management in TP system.
- Upload RFIW (Customer's witness RFI), RFIM (Material receiving RFI) etc quality documents to TP.

**Matrix Business Technology | Amman, Jordan**

Jul 2024 - Aug 2024

**Software and Systems Development Internship**

- Gained foundational knowledge of Visual Basic .NET, SQL, and C#.
- Set up SQL Server and created a Visual Basic program for managing database records.
- Integrated Crystal Reports for data report generation.
- Develop a Windows Form in C# to display client information by IP, switching the server from Azure to a local setup
- Enhance client display features with product/program grids, edit and clear buttons, and a language-switching option.
- Establish relationships between database tables and created a comprehensive client display form.
- Link forms to enable data editing and enhance grids with checkboxes for user interaction.

## PROJECT EXPERIENCE

- NAND-based microcontroller using Verilog HDL and verify it by FPGA.
- Wattmeter, a full-wave rectifier and converter, and a three-phase transformer using Simulink.
- Layout and a schematic for a digital electronics project using a Glade.
- Automatic pet feeder dispenser using PIC 16f877A microcontroller.
- Traffic light intersection using Colter's FMT 200J PLC.
- Adders, Subtractors, and Multipliers and radix 2 carry save adder multiplier structural description in Verilog.
- Digital communications system consisting of line coding and convolution encoder using Matlab.
- Class AB power amplifier receiver.
- Ghazlan 1 Expansion CCGT IPP Power Plant (3.2 GW- Current biggest IPP project in KSA)