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Tampa, FL 33610

**Career Objective**

**Experienced Engineer and Project Manager** skilled in Power Systems, Renewable Energy Resources, Control Systems, Telecommunications, Web Development, Machine Learning, and Database Configuration. Team player capable of working cross-functionally to build complex programs, manage resources, and present final product to clients or leadership. Multiple industry background and subject matter expertise.

**Personal Skills**

|  |  |
| --- | --- |
| **Engineering Skills** | Inverters | Controlling circuits | AVR Microcontroller | PLC | HMI | PCB  Lighting and wiring of buildings | Wind Energy | Solar Energy | Power Electronics |
| **Programming Skills** | HTML | CSS | Bootstrap | MySQL | C++ | C# | ASP.NET | JavaScript | jQuery |
| **Knowledge** | Data Analytics | Machine Learning (ML) | Artificial Intelligence (AI) |
| **Computer Skills** | Matlab/Simulink | AutoCAD | Multisim | MS Office | LATEX |
| **Languages** | Fluent in Arabic, English and Turkish |
| **Leadership Skills** | Diploma and Practitioner in the Management and Development of the Individuals  Certified Consultant in the Management and Development of the Individuals |

**EXPERIENCE 2008 - Present**

**Cudura Software Solution, Tampa, Florida**

*Full Stack Web Developer June 2022 – July 2023*

* Worked on developing Front-end and Back-end for a software called CareSoft, designed for managing a service company that provides services for disabled people at home
* Developed various user levels of security access for managing administrations, staff, and patient portal

**Technology**: HTML, CSS, Bootstrap, JavaScript, jQuery, .Net 6.0, MVC, Dapper, MS SQL Server, Stored procedure

**Bayaan Academy School, Tampa, Florida**

*STEM Instructor August 2020 – June 2022*

* Mentored middle and high school students’ variety of STEM subjects
* Led team of middle school students in LEGO International Robotics Competition

**Istanbul Technical University, Istanbul, Turkey**

*Research Assistance August 2014 – June 2020*

* Assisted in Developing LVRT control method for DFIG, and PMSG used with wind turbine by applying Machine Learning and Artificial Intelligent (ML/AI) principles
* Participated in Installing the battery storage system for photovoltaic (PV) solar energy system
* Designed & executed automated production lines by using simple control components such as switches, sensors, contactors, and invertors, which decrease the expenses of the automated production lines and made the production faster, easier, and more accurate

**S.D.A Controlling & Automation Systems, Istanbul, Turkey**

*Controlling Systems Engineer October 2013 – March 2014*

* Utilized Eplan and AutoCAD to interpret and draw controlling and electrical design schematics
* Designed & executed automated systems using PLC, Inverters, HMI, pneumatic valves, and servo motors which increase the production capacity by 20%
* Inverter restoration, troubleshooting and diagnostics

**Syrian Telecommunication Establishment (S.T.E), Damascus – Syria**

*Supervisor of Telecommunication Center November 2011 – August 2013*

* Supervised a technician team of 83 to decrease malfunctions of telecommunication cables which increased the profits around 25%
* Supervised the execution of adding more than 3600 new paid subscribers, by leading the project with more than $250,000 budget to connect the remote areas by installing new 10 Km length cables

**Syrian Telecommunication Establishment (S.T.E), Damascus – Syria**

*Manager of Planning and Developing Department at General Directorate December 2010 – October 2011*

* Created plans for developing the telecommunication network in remote areas of the city, and monitored the execution of that plans
* Prepared the accomplishment reports for Damascus’s telecommunication centers to be presented to the telecommunication ministry

**Syrian Telecommunication Establishment (S.T.E), Damascus – Syria**

*Manager of Maintenance and Operations Department September 2009 – November 2010*

* Installed and Operate Multiplexer system for 13 Telecommunication Centers, with more than $250,000 budget, which extended the capacity of the centers up to 13,000 extra subscribers
* Monitored, operated, and maintained the Multiplexer systems at the installed 13 Centers
* Trained the technicians at the telecommunication centers to operate the Multiplexer system

**Syrian Telecommunication Establishment (S.T.E), Damascus – Syria**

*Assistant Manager of maintenance department August 2008 – August 2009*

* Assisted in Leading the technician team fixing the telecommunication’s cable faults, reading schematics, determining cables glitches, ….., etc.
* Operating, and maintaining the underground cable networks 24/7

**EDUCATION**

* **M.S. Sc. Renewable Energy,** Damascus University, Damascus – Syria (2013)
* **B.Sc. Electrical Engineering,** Damascus University, Damascus – Syria (2007)  
  NCEES accredited equivalent to ABET accreditation

**AWARDS/PUBLICATION**

* **ELECO 2019 - 11th INTERNATIONAL CONFERENCE** - Bursa, Turkey,

“Enhancement of the Low Voltage Ride through Capability for Doubly-Fed Induction Generator during Grid Voltage Dip”

* Damascus University Honor Award, Top 8 of Class over 2,000 in 2007