

# EDAM CHAHLOUL

**Nationality:** Tunisian | **Gender:** Male | **Phone number:** (+974) 31013055 (Mobile) | **Email address:** [chahlouledam@gmail.com](mailto:chahlouledam@gmail.com) | **Address:** Doha, Qatar (Home)

## ● ABOUT ME

Results-driven Lighting and Solar Energy Engineer with over 5 years of experience in solar system design and lighting product procurement. Expertise in supplier management, inventory control, and optimizing energy solutions. Achieved a 17% increase in lighting sales and a 21% growth in profit through strategic procurement and cost-effective solutions. Focused on delivering sustainable, energy-efficient solutions to enhance operational efficiency and profitability.

## ● WORK EXPERIENCE

03/2023 – CURRENT Doha, Qatar  
**PURCHASE ENGINEER** ANSAR GROUP OF COMPANIES

- Identify reliable lighting suppliers, negotiate pricing, and secure cost-effective deals for LED lights, fixtures, and smart lighting solutions
- Monitor stock levels, forecast customer demand, and ensure timely restocking of lighting products to prevent shortages or overstocking.
- Ensure all lighting products meet safety standards, energy efficiency regulations, and customer expectations for durability and performance.

09/2020 – 03/2023 Tunis, Tunisia  
**SOLAR ENERGY ENGINEER** SOLAR CLIM

- Designed and installed PV systems for commercial and residential sites, optimizing energy capture using PVsyst and AutoCAD.
- Improved energy output by 15% through performance monitoring and system adjustments.
- Led full project lifecycle management, from planning to commissioning, ensuring regulatory compliance and budget adherence.

07/2018 – 09/2020 Tunis, Tunisia  
**SOLAR ENERGY TECHNICIAN** SOLAR CLIM

- Installed and configured PV systems with precise panel alignment and optimal wiring, enhancing energy capture.
- Reduced downtime and extended system lifespan through preventive maintenance on inverters and batteries.
- Conducted efficiency tests, identifying and addressing performance gaps.

## ● EDUCATION AND TRAINING

09/2018 – 06/2020 Sfax, Tunisia  
**MASTER DEGREE IN METROLOGY AND INSTRUMENTATION** University of Sciences

09/2015 – 05/2018 Sfax, Tunisia  
**LICENSE IN PHYSICS AND INSTRUMENTATION** University of Sciences

## ● DIGITAL SKILLS

PV Solar Engineering | Maintenance Engineering | AUTOCAD - 2D + 3D | Thermal Design | Quality Analysis Skills | Supplier management | negotiation and persuasion ability, | Quality management system (ISO 9001) | Data Analysis, Data Discovery, Data Profiling

## ● PROJECTS

01/2022 – 09/2022  
**Hybrid Solar-Battery System for Off-Grid Facility**

Engineered a 500 kW hybrid solar-battery system with MPPT inverters, reducing generator reliance by 30% and ensuring reliable off-grid energy.

04/2021 – 12/2021

**1.5 MW PV System Maintenance and Efficiency Boost**

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Enhanced a 1.5 MW PV system’s efficiency by 20% through SolarEdge monitoring, inverter recalibration, and targeted adjustments.

● **CREATIVE WORKS**

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03/2023 – 12/2024

**Sales and Profit Increase**

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Increase the sales by 17% and Profit by 21% during the year 2023-2024