

Mohammed Benouar

moh@medbnr.com | +213 774 814 578 | Sidi Bel Abbes, Algeria | [linkedin.com/in/medbnr](https://www.linkedin.com/in/medbnr) | medbnr.com

Embedded Systems Engineer | Maintenance Engineer & Industrial Automation

Professional Experience

HASNAOUI GYPSUM PANEL

March 2025 – Jan 2025

Maintenance and production manager

Sidi bel Abbes, Algeria

- Managed, directed, and divided tasks for workers.
- Implemented automation upgrades that improved production.
- Supervised Omron/Siemens PLC and performed electrical troubleshooting.

Projects

Development of a new infrastructure for intelligent road traffic management

- The project topic is a startup project from the Master's project of the Entrepreneurship Center located at Djillali Liabes University, Sidi Bel Abbes, Algeria.

Skills

Programming: C++, Python

Frameworks & Tools: OpenCV, CMake, Git, TensorFlow, Openvino

IoT & Embedded: ESP32/8266, Raspberry Pi, Arduino, Siemens PLCs, OMRON, NCS2

Systems & Platforms: Linux, Grafana, Node-RED

Industry Standards: ISO, OSHA

Soft Skills: Communication, guidance, adaptability, management and leadership, analytical thinking, and learning flexibility

Certifications

NVIDIA

December 2022

Fundamentals of Deep Learning [Link](#)

SOLOLEARN

Juin 2023

Introduction to Python [Link](#)

Education

Djillali Liabes University

Jul 2023

M.Sc., Embedded Systems

Sidi Bel Abbès, Algeria

Djillali Liabes University

Jul 2021

B.Sc., Electronics

Sidi Bel Abbès, Algeria

Languages

Arabic (Native or Bilingual)

French (Good)

English (Good)