



## Ben Mihoub Mustapha Lakhdar

### Technical Maintenance

Passionate about crafting innovative strategies and exploring creative solutions to drive the growth of businesses. My academic background and professional experiences have equipped me with essential skills for success in the electromechanical engineering field. Eager to contribute my enthusiasm and fresh perspective to dynamic projects and challenges.

#### LOGICIELS

- ✓ SOLIDWORKS
- ✓ G-CODE Sender
- ✓ vs code
- ✓ MATLAB
- ✓ MicroSoft tools
- ✓ cncJs

#### LANGUAGE

- English
- French
- Arabic

#### CONTACT

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#### EDUCATION

**Master en Electromechanical** | 2022 - 2024  
Usto University | Oran

Major Courses : CFAO , Maintenance industrial, microprocesseur et API

**PFE: "conception et réalisation d'un machine CNC (machine a commande numérique)".**

**Licence en Electromechanical** | 2019 - 2022  
Usto University | Oran

Major Courses : mechanical constraint, power electronics, heat transfer

#### Expérience et formation professionnelle

##### TECHNICAL MAINTANANCE WITH MEDISEC COMPANY:

- Experience working at an air station, including the installation, operation, and maintenance of air systems to ensure optimal performance.
- Monitored and adjusted air system parameters to enhance efficiency and maintain operational standards.
- Conducted preventive maintenance and resolved technical issues to avoid system downtime.
- Collaborated with the technical team to upgrade and improve air systems while adhering to safety and quality standards.
- Developed expertise in troubleshooting and optimizing air distribution and pressure systems.
- Corrective maintenance and Preventive maintenance

##### Maintenance, diagnostic et programmation automobile

- Diagnostic des pannes électroniques et mécaniques sur divers types de véhicules
- Programmation de modules électroniques pour optimiser les performances des véhicules
- Réalisation de mises à jour logicielles et reprogrammation de calculateurs
- Maintenance préventive et correctives des systèmes électroniques embarqués
- Expertise dans l'analyse des données issues des systèmes de gestion moteur
- Formation continue sur les nouvelles technologies et protocoles de diagnostic

## **Technical Skills :**

- Mechanical Skills: Proficiency in working with machines, engines, and tools.
- Electrical Knowledge: Understanding of circuits, wiring, and troubleshooting electrical systems.
- Hydraulic and Pneumatic Systems: Ability to diagnose and repair systems using fluid power.
- Welding and Fabrication: Basic welding techniques for repairs.
- HVAC Knowledge: For roles involving heating, ventilation, and air conditioning systems.
- CMMS Software: Familiarity with Computerized Maintenance Management Systems to log and track maintenance activities.
- Blueprint Reading: Understanding technical drawings and schematics.
- Safety Regulations: Knowledge of OSHA or similar workplace safety standards.

## **Problem-Solving Skills :**

- Troubleshooting: Quickly diagnosing issues and identifying solutions.
- Analytical Thinking: Assessing equipment performance and identifying inefficiencies.
- Critical Thinking: Making decisions under pressure and prioritizing tasks.

## **Soft Skills :**

- Communication: Clear communication with team members and reporting issues effectively.
- Time Management: Prioritizing tasks to ensure minimal downtime.
- Teamwork: Collaborating with other technicians and departments.
- Adaptability: Adjusting to new technologies or unexpected issues.

## **Advanced Skills :**

- Predictive Maintenance Tools: Using technologies like vibration analysis and thermal imaging.
- Programming: Basic knowledge of PLCs (Programmable Logic Controllers).
- Data Analysis: Analyzing maintenance records to improve efficiency.