Contact

- Mob: +213 790750708
- Mail: contact@djalilnet.com
- Address: Algeria / Libya

Soft-skills

- HV Power Distribution & Commissioning
- Rig Electrical Troubleshooting (SCR/VFD)
- SolidWorks & CNC System Engineering
- PLC Programming & Troubleshooting
- Industrial Automation
- Preventive Maintenance (PM)
- Motor Control Centers (MCC)
- Well Control Procedures (IWCF)

Software

- SolidWorks CAD
- AutoCAD Electrical
- SCADA Systems
- Python (Basic for Data)

Languages

- Strategic Problem Solving (McKinsey)
- Technical Team Leadership
- Project Management

DRISSI Abdeldjalil

Electromechanical Engineer | Rig Electrician

Hands-on Electromechanical Engineer with a Master's degree and proven experience in field operations, installation, and commissioning of industrial sys- tems. Adept at electromechanical troubleshooting, repairing high-value assets, and interpreting complex electrical and mechanical drawings. Strong background in maintaining power distribution systems and adhering to strict safety protocols (HSE/IWCF). Proficient in English and French, with excellent documentation skills for Field Service Reports. Flexible and resilient, willing to travel extensively (80%+) to support projects and deliver technical solutions to customers.

Professional Experience

Rig Electrician | ADC-NABORS Libya *Apr 2025 – Present — Libya*

- Commissioned critical rig power distribution systems, ensuring 100% availability during initial deployment phases.
- Diagnosed complex electrical faults in HV circuits under time-critical conditions, preventing costly non-productive time (NPT).
- Engineered preventive maintenance schedules for drilling motors and control systems to minimize equipment failure.
- Troubleshot PLC-based control systems and automated drilling components to maintain operational continuity.
- Supervised junior electrical crews during HV cabinet maintenance and rig-up/rig-down operations.
- Ensured strict compliance with international HSE and rig safety standards during all electrical interventions.

Engineer | SNC Djoudi *Aug 2022 – Nov 2024 — Algeria*

- Engineered mechanical components using SolidWorks, optimizing designs for manufacturability and cost-efficiency.
- Supervised the assembly and integration of CNC systems, ensuring precision alignment and electrical connectivity.
- Diagnosed operational bottlenecks in manufacturing lines, implementing technical fixes that increased throughput by 15%.
- Commissioned new industrial machinery for clients, providing technical training and documentation.
- Managed a cross-functional team of technicians to deliver complex assembly projects on strict deadlines.
- Optimized procurement workflows for electromechanical spare parts, reducing inventory lag times.

Certificates and Attestation

- **IWCF Well Control (Level 2) — ADC-NABORS** *(2025)*

- **IFP Well Intervention (Level 2) — IFP** *(2024)*
- **McKinsey Forward — McKinsey & Company** *(2023)*

Education

- **Master's in Electromechanics** *Sep 2020 – Jul 2022*
  Mohamed Khider University, Biskra
- **Bachelor's Degree in Electromechanics** *Jan 2016 – Oct 2020*
  Mohamed Khider University, Biskra