

AYOUB BNI-BOURK

AUTOMATION & INSTRUMENTATION TECHNICIAN



CONTACT

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SKILLS

Automation & Control

- DCS: Yokogawa CENTUM VP, Emerson DeltaV
- PLC: Siemens, Schneider, Opto 22
- Robotics: Mitsubishi, Fanuc

Industrial Networks & IoT

- Protocols: Profinet, Profibus, Modbus/TCP, IO-Link
- Software development: Python (Snap7)
- Engineering tools: AutoCAD Electrical, Navisworks

Instrumentation & Electrical

- Field instrumentation and calibration
- Variable speed drives: Siemens, ABB, Schneider, Yaskawa
- Industrial electrical maintenance (distribution, motor control)

Development

- Task automation: Python, VBScript
- Basic web development: HTML, CSS, JavaScript

LANGUAGES

- Amazigh** : Native
- Arabic** : Native
- English** : Fluent (technical & professional)
- French** : Professional



PROFILE

Automation and industrial instrumentation technician, specialized in PLCs (Siemens, Schneider, Opto 22) and DCS (Yokogawa, Emerson DeltaV). Experienced in design, programming, and commissioning of industrial systems at SSE MENA, Actemium, and OCP Maintenance Solutions. Bronze Medalist and Best of Nation – WorldSkills Lyon 2024. Recognized for technical rigor, innovation, and strong teamwork.



PROFESSIONAL EXPERIENCE

Automation Technician | OCP Maintenance Solutions

El Jorf Lasfar, El Jadida — Aug 2025 - Present

- Operation and troubleshooting of DCS systems: Yokogawa CENTUM VP and Emerson DeltaV.
- PID loop tuning and optimization of operator faceplates.
- Contributed to process stability in phosphate production.

Design Technician | Actemium (VINCI Energies)

Casablanca — Jun 2025 - Jul 2025

- Designed instrumentation diagrams and loop drawings using Excel and VBA.
- Prepared technical documents (cable lists, terminal blocks).
- Produced electrical layouts in AutoCAD Electrical and coordinated 3D design in Navisworks.

Automation Technician | SSE MENA

El Jorf Lasfar, El Jadida — Nov 2024 - May 2025

- Programming, pre-commissioning, and commissioning of Siemens S7-1500/1200 and ET200 PLCs.
- Developed operator interfaces in WinCC.
- Performed FAT/SAT testing.



EDUCATION

Professional Bachelor's Degree

Industrial Automation & Electrical Systems

ENSAM (2025 - Present)

Intensive Training

Mechatronics

CDCGE Casablanca (2024)

Specialized Technician Diploma

Automation & Industrial Instrumentation

OFPPT Agadir (2021 - 2023)

Technician Diploma

Industrial Electrical Maintenance

OFPPT Agadir (2019 - 2021)

Baccalaureate

Life & Earth Sciences

Lycée Alkods, Ait Milk (2018)



CERTIFICATIONS & AWARDS

National Champion - Mechatronics (WorldSkills 2024)

Bronze Medal - WorldSkills Lyon 2024 (Mechatronics)