

Chems Eddine GUEBLA

AUTOMATION & CONTROL ENGINEER

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PROFESSIONAL SUMMARY

Highly motivated, curious Automation and Controls Engineer with a proven track record of designing, implementing, and optimizing industrial automation systems. With +3 years of experience, I possess a deep understanding of PLC programming, HMI/SCADA development, testing and control system integration. I Possess strong experience in testing and commissioning activities, with a focus on troubleshooting and coordinating project activities. My ability to troubleshoot complex issues, optimize processes, and ensure efficient operations has consistently delivered results. Seeking a challenging role to leverage my technical expertise and contribute to innovative automation solutions.

EXPERIENCE

JVGAS, ALGERIA — DCS ENGINEER

DEC 2023 - PRESENT

- Maintained and managed Yokogawa Centum VP DCS, ESD,RTU and F&G systems.
- Backups preserve of vital data: PLC programs, HMI configurations, Historical data, System configurations
- Managed, configured, and resolved plant historian system issues.
- Provided technical support and troubleshooting to maintenance and operations teams.
- Assisted in developing and implementing in-house control system modifications.
- Performed root cause failure analysis and implemented corrective actions.
- Conducted online modifications to control and safety systems without production interruptions.
- Managed spare parts inventory and ensured efficient maintenance of ICSS systems.
- Illustrated strong safety behavior through active participation in safety initiatives.

TECHNICAL SKILLS

- **PLC Programming**
- **Programming languages**
- **Industrial Automation Software**
- **Simulation, testing and troubleshooting**
- **Industrial Communication:**
Familiar with Modbus, Ethernet/IP, Profibus, and Profinet protocols.
- **Data Management:** Skilled in data logging, backup, and system recovery procedures.

SOFT SKILLS

- **Time Management and Organization**
- **Adaptability and Flexibility**
- Strong **problem-solving** and **critical thinking** abilities.
- **Collaborative** approach to teamwork.
- **Adaptability** to new technologies and system upgrades.

LANGUAGES

- English (Fluent)
- French (Fluent)
- Arabic (Native)

EPE SOGERHWIT SPA, ALGERIA— PROJECT ENGINEER

AUG 2023 - DEC 2023

- Electrical Installation planning for technicians to Assemble and position cable trays and connected cables to electrical equipment.
- Tested electrical components for continuity and correct voltage readings.
- Inspected electrical equipment and components to identify hazards and ensure compliance.

SARL Clinique Al Farabi, ALGERIA — Electrical and Electronics Engineer

JUN 2023 - SEP 2023

- Maintenance Management: Utilized CMMS to manage maintenance tasks and generate reports.
- Supervision: Supervised, controlled, and participated in maintenance work.

EURL PROELEK Automation & Control, ALGERIA — Automation Engineer

AUG 2020 - SEP 2021

- Installed, renovated, and programmed automation systems. Designed and developed HMI graphic pages.
- Hardware Maintenance: Replaced cards, modules, and repaired defective elements
- Selected and incorporated sensors, measuring tools, and control/regulation devices.

EDUCATION

University of BADJI MOKHTAR

Annaba, Algeria

Master's Degree in Electronics of Embedded Systems — September 2017 – July 2020

- **Final Year Project:** Developed a real-time hand gesture recognition system using machine learning with Python and OpenCV on Raspberry Pi.

University of BADJI MOKHTAR

Annaba, Algeria

Bachelor's Degree in General Electronics — September 2014 – June 2017

- **Final Year Project:** Created an automated room temperature control system using a microcontroller-based system.

TRAINING

- **PLC Programming** (Siemens/Allen Bradley)
- **DCS Operation and Maintenance** (Yokogawa Centum VP, Prosafe RS)
- **Safety Training**