

FIELD SERVICE ENGINEER • AUTOMATION, DRIVES & CONTROLS • NEARLY 8 YEARS INTERNATIONAL

Ayigah LLC • Independent Contractor • Worldwide deployment

PROFILE

Field Service Engineer with nearly 8 years of hands-on experience in industrial automation across manufacturing, energy, and process industries. 3+ years at Bobst Group SA (Switzerland) on Siemens SIMOTION / S120-driven production lines: PLC programming, HMI/SCADA, drives commissioning, upgrades, and complex troubleshooting in live production environments. Prior 4 years at GE Power Conversion on medium-voltage drives (MV7000, MV6000, SD7000) up to 80 MVA deployed on Oil & Gas and LNG facilities. Solo international commissioning, system upgrades, operator training, 24/7 remote support. 15+ countries, 4 continents. Fluent in French, English, and Spanish.

CORE COMPETENCIES

Automation & Controls

TIA Portal V13-V19
Simatic Manager
S7-300 / 1200 / 1500
SCADA, HMI, WinCC
Profinet / Profinet IRT
Profibus, ARCNET, Modbus

Drives & Power

SIMOTION D425
S120, G120 drives
GE MV7000, MV6000
Drive tuning & commissioning
MV drives up to 80 MVA
Harmonic filters, transformers

Safety & Instrumentation

Safety Integrated (F-CPU)
Pilz safety controllers
Schmersal interlocks
Load cells, encoders
Process instrumentation
Elec. Hab. B1/B2/BR-H0

Field Service

Commissioning & start-up
On-site troubleshooting
FAT / SAT execution
Operator training
System upgrades
Subcontractor management

PROFESSIONAL EXPERIENCE

Field Service Engineer

Dec 2022 - Present

Bobst Group SA (Switzerland) - global packaging OEM

Solo international deployments on Siemens SIMOTION / S120-driven production lines. Full scope: PLC programming, drives commissioning, HMI/SCADA configuration, safety systems, instrumentation, client interface. Deploy R&D software onto production machines, diagnose complex automation issues, deliver operational systems. Upgrades, troubleshooting, and continuous improvement in live 24/7 production environments.

- Argentina (2025-26) - SIMOTION D425 / CU320 mechanical-to-electronic cam upgrade. Rolled back CU320 failure, upgraded jam detection. Back in production ahead of schedule.
- Kazakhstan (2025) - Relay panel to PLC + SIMOTION upgrade, full converting line, 3 months solo. Handed over on schedule.
- Greece (2024) - Commissioned 3 embossing lines, real-time register QC, Profinet IRT. All lines accepted first pass.
- China (2024) - Commissioned new printing line, 3 months. Clean handover, operators trained.
- Japan (2023) - 3-site troubleshooting: sporadic fault diagnosis, software mod for production tracking, position sensor replacement.
- Europe - Recurring support: Turkey, Austria, Germany, Switzerland, Italy, Spain. Commissioning, upgrades, emergency interventions.

Field Service Engineer

Oct 2018 - Dec 2022

GE Power Conversion (France / International) - MV drives

Medium-voltage variable-speed drives (MV7000, MV6000, SD7000) up to 80 MVA on Oil & Gas and LNG sites. Maintenance, troubleshooting, emergency on-site technical assistance on critical MV drive trains. Authored 20+ commissioning and test protocols. Spare parts specification, service management reporting, client interface.

Key sites: Freeport LNG (80 MVA) • Cameron LNG • Storengy Stublach • ExxonMobil • Sulb Bahrain.

EDUCATION • LANGUAGES • CERTIFICATIONS

Engineering Degree ESME Sudria, Paris (2013-2018) - Energy & Systems (Elec. Eng. / Control / C++)

Exchange Semester UDEM, Monterrey, Mexico (2015-2016) - IT & Computer Science

Languages French (native) • English (fluent) • Spanish (fluent - 9 months LatAm)

Certifications

Siemens TIA Portal Advanced • Siemens Safety Integrated • GE MV7000 / MV6000 / SD7000 • Electrical Habilitation B1/B2/B2V/BR-H0 • N1/N2 Chemical Safety • ATEX Level 2 • BOSIET Opito (renewal pending)

ENGAGEMENT MODEL

ENTITY

Ayigah LLC - B2B contract
Independent contractor

DAY RATE

Competitive / Project dependent

AVAILABILITY

Worldwide • Mobilisation 48h
Project-based rotation, flexible