Islam Hourani

Electrical Engineer

DETAILS

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Dubai
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NATIONALITY
Jordanian

LANGUAGES

English

Arabic

SKILLS

Project Engineering

Proof of Concept

Technical Sales

PROFILE

Islam joined Siemens Dubai in 2015, and has worked for major clients in the Middle East region. During his 7 years in Siemens, he handled complex projects and missions in different applications such as: Crane applications, Oil and Gas, and Mission Critical Industry applications.
His work has helped him acquire a range of skills, develop strategies to solve technical challenges, problem solving techniques, and experiences in dynamic environments in Middle East, which gave him the ability to grow with diverse and multi-functional teams.
He is currently working as a Senior Field Service Engineer for Drives and Automation in Siemens Dubai.

EXPERIENCES

Senior Field Service Engineer - Drives and Automation, Siemens **Dubai, UAE**

2021-12-01 -- Present

• Site surveys and communicating with customers for finding business opportunities and leads in different portfolios.
• Doing product Selection and design for several projects.
• Handling Complex cases for providing customers new solutions and engineering designs.
• Meeting with Customers and Managements to discuss ways to improve business and enhance operations.
• Handling retrofit projects in different applications in Automation and Drives technology.
• Commissioning Crane application in both PLC and VFD
• Commissioning activities in Drives and Automation.
• Troubleshooting activities in Drives and Automation.
• Presales and Aftersales Technical Support.
• Doing preventive maintenance activities.
• Providing technical support in the installation, repair, and maintenance.
• Managing sites during projects.

Field Services Engineer, Siemens — Dubai, UAE

2015-03-01 -- 2021-11-01

• Site surveys and communicating with customers for finding business opportunities and leads in different portfolios.
• Doing product Selection and design for several projects.
• Handling retrofit projects in different applications in Automation and Drives technology.
• Commissioning Crane application in both PLC and VFD
• Commissioning activities in Drives and Automation.
• Troubleshooting activities in Drives and Automation.
• Presales and Aftersales Technical Support.
• Doing preventive maintenance activities.
• Providing technical support in the installation, repair, and maintenance.
• Managing sites during projects.

Automation and Drives Trainee Engineer, Siemens — Dubai, UAE

2015-04-01 -- 2015-10-01

• Worked as a field service trainee engineer in the Digital Factory division in the fields of Automations, Process industries, and Motor Drives technology.
• Trained in Siemens PLC's and their corresponding logic builders and programming software.
• Worked in providing solutions for automation tasks.
• Trained in basic industrial communication protocols such as MPI, Profibus, and Industrial Ethernet.
• Trained in and worked on several Siemens Instrumentation equipments such as flow meters and level sensors. Training included troubleshooting and programming of devices.
• Trained in Siemens HMI and SCADA systems using the WINCC flexible and WINCC Explorer softwares.
• Trained in Loher Motor Drives, SINAMICS Motor Drives, Masterdrive, and MicroMaster Motor Drives. Training Included commissioning, servicing and troubleshooting the drive.

Electrical Site Engineer, Chirag Contracting Compony — Dubai, UAE

2015-01-01 -- 2015-03-01

Trainee Site Engineer, Envicon Emirates — Al Ain, UAE

2013-12-01 -- 2014-02-01

• High voltage systems from 11kV up to 33kV system.
• Low voltage systems for accommodation building, Diary farm project and water pumping stations.
• HV and LV cable installation within 11kV Substations including the fiber optics cable installation.
• Streets lighting projects.
• Distribution systems from primary stations to the end user including the distribution substations and the feeder pillars.
• Getting familiar with different types of drawings and schedules related to projects.
• Recognizing the project procedures and stages.
• Infrastructure project for 700 Villa Project in Al Ain city.
• Dairy Farm Project

EDUCATION

• Master of Science - MS, Engineering Management, Abu Dhabi University

2020-06-01 -- 2022-06-01

• Bachelor's Degree, Electrical Engineering, Abu Dhabi University

2010-01-01 -- 2014-01-01

• High School, Scientific Sector, Islamic Institute high school

2007-01-01 -- 2010-01-01

PROJECTS

• Getting Several Opportunities and leads in Cranes Drives and Motors applications

• Getting Several Opportunities and leads in Oil and Gas drives and motors

• Several Site Visits for studying and analyzing existing systems and offering suitable replacements and retrofit solutions

• Product selection for several crane projects including drives

• Retrofit project for Old Mitsui, New Mitsui, Liebherr RTG Cranes

• Retrofit project for Kone RTG Cranes

• Commissioning SINAMICS DC Drive for 12 pulse Master Slave configuration for controlling jacking system pump

• Retrofit project for IHI STS Cranes

• Encoder, logic, CMS, HMI modification project on STS crane

• Replacing MasterDrive VFD with SINAMICS G150, including installation and commissioning inside Oil and Gas Vessel

• Migration of Masterdrive CU2 to CUVC

• Retrofit of SCADA system from non-Siemens SCADA to Wincc 7.4 SP1 SCADA

• SINAMICS G150 VFD commissioning

• Commissioning S7-1500 PLC in Unilever Pakistan

• Commissioning 30 SINAMICS G120P VFD in Dubai airport

• Pre-commissioning and Commissioning of 30 G180 Loher VFD in Oman

• Pre-commissioning, Commissioning, and troubleshooting several G180 Loher VFDs

• Troubleshooting G130 VFD

• Replacing S120 VFD

• Troubleshooting G120 VFD

• Commissioning of 88 G120P and G120C VFDs

• Troubleshooting of 6 Loher G180 VFD in Saudi

• Overhead industrial crane engineering, and commissioning

• Troubleshooting and PM activities on Loher Dynavert T VFD’s

CERTIFICATIONS

- ST-PRO1 & ST-PRO2, Siemens
- Dynavert T Loher (SINAMICS G180), Siemens
- Step 7 and TIA Portal, Siemens
- WinCC Flexible and SCADA WinCC, Siemens
- Visualization Software, Siemens
- Low Voltage SINAMICS S / G / V / and DCM Drives, Siemens