

Abdulrahman Mohamed



Technical Service / System Engineer

Technical Service Engineer with 6+ years of responsibility for engineering, start-up, and commissioning of Yokogawa Distributed Control System, Emergency Shutdown System & Process Control PLC/RTU across Middle East & Africa and providing on and off-site service support to customers, resolving customer-affecting technical issues in a timely fashion to maintain production and quality by ensuring the operation of industrial automation equipment.



Personal Information

Address

Bahrain Wadi Al Sail, Block 928, House 2808, Road 2848

Citizenship

Bahraini

Phone Number

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Date of Birth

1992-Nov-15

Email

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LinkedIn

<https://linkedin.com/in/a-rahman-mohamed/>

GitHub

<https://github.com/Asa92>

Web Profile

<https://profile.asm92.tk>



Languages

Arabic

English



Skills

Microsoft C#

Blazor, ASP.NET MVC, WPF

Java

Fast/Tools Development

Process Control

StardomPLC, DCS

Customer Support

Troubleshooting, Training

Commissioning

Front-End

React, Next.js, Blazor-WASM

Back-End

ExpressJs, NodeJs, Docker, Web-API, MongoDB, MSSQL, DynamoDB, Firebase, AWS

Office

Word, Excel, Powerpoint



Courses

2020 VMware Virtualization

2018 Yokogawa FM-3 PLC Engineering & Maintenance

2017 Field Instruments, Process Measurement and Control Application

2017 Modbus Engineering & Troubleshooting

2017 Yokogawa DCS Centum VP Engineering & Maintenance.

2017 Plant Resource Manager (PRM) & Foundation Field-bus Engineering & Maintenance

2017 Yokogawa SCADA Stardom & FAST/TOOLS Engineering & Maintenance

2017 Yokogawa DCS Centum C3000 Engineering & Maintenance



Experience

Mar 2017-present

Technical Service Engineer

Yokogawa Middle East & Africa

Nature of Job:

- Responsible for developing, leading, and/or conducting and documenting internal tests, Factory Acceptance Tests and Site Acceptance Tests.
- Provide Technical Training to customers.
- Provide high level of technical support to customers at their location or remotely.
- Responsible for on-site installation, commissioning, maintenance, and repair of Yokogawa and multi-vendor systems solutions.
- Develop Service technical documentation, Provide training junior engineers.
- Troubleshoots and solves non-routine issues, challenges, and problems within field of specialization.

Control System Knowledge:

- SCADA Supervisory control and data acquisition (Fast/Tools, CI).
- PLC/RTU Programmable Logic Controller Functions (Stardom/FA-M3).
- DCS Distributed Control System Function (Centum VP).
- IPS Instrumented Protection Systems.
- ESD Emergency Shut Down System Functions (Prosafe RS).
- Industrial Communication Protocols Vnet Coaxial Cable Communication, Vnet/IP Communication, Modbus Communication, Foundation Fieldbus Communication, OPC Communication, MQTT Communication.
- System Grounding
- System Hardware Design
- System Software Coding
- System Maintenance/Service Procedures & Documentation
- Work for any new and old Yokogawa System (Self Development)



Education

Sep 2010 East Riffa Secondary School

High School in Science & Math

Mar 2017 University of Bahrain

Bachelor of Science in Electrical Engineering



Yokogawa experience from 2017 to 2023



Personal Projects

2023-Q1 - *Tatweer Upgrade project*
 2023-Q1 - *Train the trainer*
 2022-Q4 - *Oman LNG Fast/Tools Major Upgrade SAT*
 2022-Q3 - *Saudi Aramco HAWIYAH SCADA troubleshooting.*
 2022-Q3 - *Oman LNG Fast/Tools Major Upgrade*
 2022-Q3 - *Tatweer Petroleum Fast/Tools Basics Training*
 2022-Q2 - *SEGAS Fast/Tools Engineering & Operation Training*
 2022-Q2 - *AQP Major upgrade*
 2022-Q2 - *M&P Major upgrade*
 2022-Q2 - *Fast/Tools New Components*
 2022-Q1 - *Tatweer Provision of ASPA Project*
 2021-Q4 - *QP SFA DWCC SCADA*
 2021-Q4 - *Ghana Gas Major upgrade*
 2021-Q2 - *EPIC FOR UPGRADE OF STATION W1 FOR GAS SUPPLY TO FACILITY E*
 2021-Q2 - *SWCC SCADA OPERATION & ENGINEERING TRAINING*
 2021-Q1 - *Tatweer Petroleum Preventive maintenance*
 2021-Q1 - *Upgrading of gas processing plant control system & software*
 2021-Q1 - *Ghana National Gas Company Preventive maintenance*
 2020-Q4 - *EPIC FOR INTEGRATED GAS SUPPLY TO MESAIEED CONSUMERS (IGSMC)*
 2020-Q3 - *Tatweer Petroleum SCADA Operation training*
 2020-Q2 - *EPIC FOR CNG STATIONS IN RLIC & MIC Project*
 2020-Q2 - *GDS stations Modifications*
 2020-Q1 - *EPIC for diversion of ONSAG*
 2019-Q3 - *Airliquide SCADA*
 2019-Q2 - *MedGulf Debottlenecking of QP Gas Grid Phase 1*
 2019-Q2 - *GDS SCADA Modification*
 2019-Q1 - *TAKORADI-TEMA INTERCONNECTION PROJECT (TTIP)*
 2019-Q1 - *Noga LNG Import terminal-HMS*
 2019-Q1 - *BAFCO Preventive maintenance*
 2018-Q2 - *PDO BIRBA Control & Safeguarding System Upgrade Project*
 2018-Q1 - *Medgulf EPIC For Gas Supply To FACILITY D project*
 2018-Q1 - *CPEC project on replacement of 3 phase separator*
 2017-Q1 - *DOPET EPIC For Automation Upgrade*
 2017-Q1 - *BAPCO DCS System Health Check (Bahrain)*

2023

Apr-Jun

- **Digital Wallet**

Full stack application for Personal Finance Monitoring system

Jan-Mar

- **Upgrade old VB6 program to C# .net program for DCS**

Upgrade legacy program written in VB6 to C# .net framework program which takes care of the recipe batch control in DCS, project involves using DCS database API and interfaces.

2022

Oct-Dec

- **Movies Center Crossplatform Application**

Developed a IOS/Android/Windows application for Movie Center Application

Jul-Sep

- **Movies Center Web Application**

Developed a full stack application for Movies Center web application using expressjs and Nextjs on Oracle and Vercel Services

Jan-Mar

- **SCADA Customers Web Application**

Developed a full stack application for YMA SCADA customer web application using latest technology provided by Microsoft

2020

Apr-Jun

- **Tag Name Searching Tool**

Developed a tool for searching tag name in the SCADA graphics

- **Tag search tool in Fast/Tools**

Developed embedded program in Fast/Tools for Tag Name search in graphics

- **SCADA database**

Developed a Database of YOKOGAWA SCADA Customers and their stations

- **PM report Tool**

Developed a tool for Information gathering, analyzing and reporting of YOKOGAWA SCADA system