


# System Engineer

System Engineer with 7+ 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 Alsail, Block 928,  Bahraini  
Road 2848, House 2808

### Citizenship

### Phone Number

(+973) 32026676

### 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.asm-center.com>



## Certificates



tuvcert Certified SIRI Assessor



## Courses

- 2024 Certified Siri Assessor Training
- 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



## Languages

Arabic  
English



## Experience

Jan 1970-  
Oct 2024

### Personal Projects

Nature of Job:

Control System Knowledge:



## 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



## Education

### 2010 East Riffa Secondary School

High School in Science & Math

### 2017 University of Bahrain

Bachelor of Science in Electrical Engineering



## Yokogawa experience from 2017 to 2024



## Personal Projects

<b>2024-Q1 - Abu Qir Petroleum Scada &amp; Stardom PLC Major Upgrade</b>	<b>2024</b>	
<b>2024-Q1 - IGSMC Stardom &amp; CI Server Training</b>	<b>Jul-Sep</b>	- SCADA Web app <i>Refactor the previous code base, added tests and features to previous project.</i>
<b>2023-Q4 - ADDC Scada Training (Abu Dhabi)</b>		
<b>2023-Q2 - GNGC KDA AND MARCO POLO PROJECT (GHANA)</b>		
<b>2023-Q1 - Train the trainer</b>	<b>2023</b>	
<b>2023-Q1 - Tatweer Upgrade project</b>	<b>Oct-Dec</b>	- Scada logs parser <i>Class Library written in dotnet 8 for YOKOGAWA Scada system to retrieve logs, analyze it and summarize the healthiness of the system.</i>
<b>2022-Q4 - Oman LNG Fast/Tools Major Upgrade SAT</b>		
<b>2022-Q3 - Saudi Aramco HAWIYAH SCADA troubleshooting.</b>	<b>Jul-Sep</b>	- Stardom Analysis Library <i>Class Library written in dotnet 8 for YOKOGAWA stardom controller information analysis.</i>
<b>2022-Q3 - Oman LNG Fast/Tools Major Upgrade</b>		
<b>2022-Q3 - Tatweer Petroleum Fast/Tools Basics Training</b>	<b>Apr-Jun</b>	- Digital Wallet <i>Full stack application for Personal Finance Monitoring system</i>
<b>2022-Q2 - SEGAS Fast/Tools Engineering &amp; Operation Training</b>		
<b>2022-Q2 - AQP Major upgrade</b>	<b>Jan-Mar</b>	- Upgrade old VB6 program to C# .net program for DCS <i>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.</i>
<b>2022-Q2 - M&amp;P Major upgrade</b>		
<b>2022-Q2 - Fast/Tools New Components</b>		
<b>2022-Q1 - Tatweer Provision of ASPA Project</b>		
<b>2021-Q4 - Ghana Gas Major upgrade</b>		
<b>2021-Q4 - QP SFA DWCC SCADA</b>	<b>2022</b>	
<b>2021-Q2 - SWCC SCADA OPERATION &amp; ENGINEERING TRAINING</b>	<b>Oct-Dec</b>	- Movies Center Crossplatform Application <i>Developed a IOS/Android/Windows application for Movie Center Application</i>
<b>2021-Q2 - EPIC FOR UPGRADE OF STATION W1 FOR GAS SUPPLY TO FACILITY E</b>	<b>Jul-Sep</b>	- Movies Center Web Application <i>Developed a full stack application for Movies Center web application using expressjs and Nextjs on Oracle and Vercel Services</i>
<b>2021-Q1 - Tatweer Petroleum Preventive maintenance</b>		
<b>2021-Q1 - Ghana National Gas Company Preventive maintenance</b>	<b>Jan-Mar</b>	- SCADA Customers Web Application <i>Developed a full stack application for YMA SCADA customer web application using latest technology provided by Microsoft</i>
<b>2021-Q1 - Upgrading of gas processing plant control system &amp; software</b>		
<b>2020-Q4 - EPIC FOR INTEGRATED GAS SUPPLY TO MESAIEED CONSUMERS (IGSMC)</b>	<b>2020</b>	
<b>2020-Q3 - Tatweer Petroleum SCADA Operation training</b>	<b>Apr-Jun</b>	- SCADA database <i>Developed a Database of YOKOGAWA SCADA Customers and their stations</i>
<b>2020-Q2 - EPIC FOR CNG STATIONS IN RLIC &amp; MIC Project</b>		- Tag Name Searching Tool <i>Developed a tool for searching tag name in the SCADA graphics</i>
<b>2020-Q2 - GDS stations Modifications</b>		- Tag search tool in Fast/Tools <i>Developed embedded program in Fast/Tools for Tag Name search in graphics</i>
<b>2020-Q1 - EPIC for diversion of ONSAG</b>		- PM report Tool <i>Developed a tool for Information gathering, analyzing and reporting of YOKOGAWA SCADA system</i>
<b>2019-Q3 - Airliquide SCADA</b>		
<b>2019-Q2 - MedGulf Debottlemecking of QP Gas Grid Phase 1</b>		
<b>2019-Q2 - GDS SCADA Modification</b>		
<b>2019-Q1 - TAKORADI-TEMA INTERCONNECTION PROJECT (TTIP)</b>		
<b>2019-Q1 - Noga LNG Import terminal-HMS</b>		
<b>2019-Q1 - BAFCO Preventive maintenance</b>		
<b>2018-Q2 - PDO BIRBA Control &amp; Safeguarding System Upgrade Project</b>		
<b>2018-Q1 - CPEC project on replacement of 3 phase separator</b>		
<b>2018-Q1 - Medgulf EPIC For Gas Supply To FACILTY D project</b>		
<b>2017-Q1 - DOPET EPIC For Automation Upgrade</b>		
<b>2017-Q1 - BAPCO DCS System Health Check (Bahrain)</b>		