

Muhammad Junaid Tahir

Al-Jubail, Saudi Arabia | (+966) 57 2128647, (+92) 333 3632763 | junaidstar@gmail.com | [LINKEDIN](#)

Operational Technology Engineer & Leader at Saudi Aramco - Sadara Chemical Company

Master of Business Administration in Project Management from United Kingdom

8+ years of experience in delivering mission critical industrial projects as a creative and accomplished Project Engineer & Manager. A proven track record of leading, planning, executing major industrial automation projects. Excel at resolving employer challenges with innovative solution plans, systems and process improvements that increase efficiency and customer satisfaction.

Management & Leadership | Control Systems | Team building & Supervision | Technical skills | Innovative Presenter | Fluent English Communication | Task Oriented | Maintain Client Relations | IR4.0 | Cyber security | AI/IT/OT | Automation | Digitalization

Worked with major Saudi Arabian clients and vendors including:

- | | | | | |
|--|--|--|---|---|
| ▪ ARAMCO  | ▪ SWCC  | ▪ SADARA  | ▪ DOW  | ▪ Siemens  |
| ▪ SPCC  | ▪ SAIPEM  | ▪ ABB  | ▪ AXENS  | ▪ SEC  |

Professional Experience

PA Operational Technology Engineer & Leader | **Saudi Aramco - Sadara Chemical Company, Saudi Arabia** | Feb 2020 – Present sadara.com

- Leading the projects, budgeting and approvals, MOC, scope of work, Business Opportunity Plan (BOP) & documentation.
- Managing the vendor contracts, Purchase orders (PO), Purchase Requisition (PR), RFQ, single/multi source justifications.
- Prognost Machine Protection Hardware & System: Led & completed successfully the software upgradation project.
- Managed the upgradation project (virtualization solution) of the Machine Protection System - System1 by Baker Hughes.
- Initiated upgradation plans and completed documentation for Analyzers, Triconex, Genesis, Feige Drumming systems.
- Cybersecurity: Hardening the workstations, developing procedures, integration in third party systems & networks.
- Technical troubleshooting for critical domino printers, MRUs, turnaround instrumentation tasks, ODS, TGS & PLC systems.

Project Engineer & Leader | **Flowtronix Arabia Pvt Ltd, Saudi Arabia** | Jan 2017 – Jan 2020 ftarabia.com

SADARA CHEMICAL COMPANY as Controls Engineer | Jubail, Saudi Arabia | 2017 – 2019

- Maintained, pre-/commissioned, and supported technical operations of Siemens/Rockwell across Sadara 26 chemical units.
- Implemented all Management of Change (MOC) requests, work orders, procedures, upgrades for existing units in Sadara.
- Managed client relations and resolved complex technical issues with vendors Linde, Feige, Man Turbo, Schneider and others.
- Researched and recorded configurations of the SADARA's 3rd-party PLC Systems, controllers and microprocessors.
- Assisted project lead in technical supports, customer trainings, presentations, creation of procedures and documents.

ODOUR CONTROL SYSTEM as Project Engineer | Jubail, Saudi Arabia | 2019

- Rockwell Micro/Compact Logix & Panel View. Completed engineering, graphic designing as per the control philosophy.

AXENS CATALYST ARABIA as Project Engineer & Leader | Dammam, Saudi Arabia | 2018

- Siemens S7400, STEP7, Server/client architecture. Maintenance and troubleshooting for control system/instrumentation.
- Managed & executed the upgradation project for Axens Phase II expansion. Full engineering, commissioning, FAT and SAT.

DISASTER RECOVERY PROJECT AT SOUTHERN PROVINCE CEMENT COMPANY (SPCC) as Project Manager | Abha/Jizan, Saudi Arabia | 2017

- Managed full project including hiring talents, allocating budget, assigning tasks, client meetings with documentation work.
- Decreased expenditures 20% by implementing standardizing ordering procedures and providing customer satisfaction.
- Completed the long-held project within the time frame. Became a trusted assistant to company manager and earned a reputation for producing high-quality work.

Project Engineer | **KMH Industrial Automation Pvt Ltd, Saudi Arabia** | Mar 2014 – Jan 2017 kmhautomation.com

SAUDI ELECTRICITY COMPANY as Project Engineer & Leader | Abha/Tihama/Jizan, Saudi Arabia | 2016 – 2017

- ABB 800xa System, Control Builder M, Workplace Structures, PGIM Server, Westermo Modems and third-party communication.
- Managed full project at all O3 sites, attended meetings with ABB Switzerland, IICS and SEC for testing & commissioning.
- Completed ABB application engineering, instrumentation tasks and delivered the project within our time constraints.

BMS CHILLERS AUTOMATION as Project Engineer | Al Ahsa, Saudi Arabia | 2016

- Completed full application engineering; Siemens S7-1200, TIA Portal integrated with Wincc v7.3, VB complex coding for graphics.

SHAYBAH RIC EXPANSION UPGRADATION as Project Engineer | Shaybah, Saudi Arabia | 2015

- Siemens S7-400, STEP7, Wincc flexible/advance, TP MP377 15". Completed engineering as per the control philosophy.

SHUQAIQ PHASE II WATER TRANSMISSION as Project Engineer & Leader | Abha, Saudi Arabia | 2015

- Siemens S7-300/400/1200, a complex PCS7 project. Provided commissioning support & solved intricate application logics.
- Pressure handling, leading the assignments, strong relations with the clients AMC, ILF, and SWCC to finish critical assignments.

RESERVIOR TANKS AT KHAMES MASHAYT as Project Engineer | Jeddah, Saudi Arabia | 2014 – 2015

- Siemens S7400/1200 Systems, STEP7, TP(KTP400), Radio Ray17, Communication b/w S71200 & S7400 using PUT GET blocks.
- Completed FAT including engineering logics, report designing, HMI/Touch panels graphics and dealing the client SWCC.

HASBAH ARABIYAH OFFSHORE & ONSHORE PLATFORMS as Project Leader | Khobar, Saudi Arabia | 2014

- Managed & led the project for hardware-related tasks, software, documentation and FAT punch point issues.
- Meetings with the clients Aramco and SAIPEM for deliverables and quality assurance. 40% increment in customer satisfaction.
- Developed efficiency-enhancing workflow/process improvements; Recognition by Siemens for the best leadership skills.

CALTEX CHEVRON LTD – LUBE BLENDING PLANT as Project Engineer & Leader | Karachi, Pakistan | 2014

- Siemens S7400 system; Provided numerous plant troubleshooting related to instrumentation & control system.
- Managed the meetings with Chevron America, Thailand, Singapore related to plant's process engineering and control.

Education

International Master of Business Administration (Thesis based) – Buckinghamshire New University | United Kingdom
Postgraduate Diploma, Project Management – Cambridge Institute of Learning, OTHM Level 7 | United Kingdom
Bachelor of Science, Electronic Engineering – Sir Syed University of Engineering & Technology | Karachi, Pakistan -- 3.11 CGPA
Board of Intermediate Education – Malir Cantt Govt Degree College | Karachi, Pakistan -- A (70%)
Board of Secondary Education – Airport Security Force Public School | Karachi, Pakistan -- A+ (85%)

Researches & Certificates

MBA Dissertation – Exploring the Impact of Industrial Revolution 4.0 on Process Industry
Research Coarse Work – Influence of Job Stress, Job Satisfaction and Motivation on Job Performance
Prognost Machine Protection System – Advance training certificate, 2021
Engineering Final Year Project Research – PLC based Production Mixing & Filling Plant | Karachi, Pakistan
Microcontroller PIC16F877A Certificate – Geekoz Lab, 2012 | Karachi, Pakistan
Internship Certificate – Pakistan Steel Mills, 2011 | Karachi, Pakistan

Awards

Certificate of Appreciation, Sadara – Cyber Security Process Automation, PA Manager | Jubail, Saudi Arabia
Certificate of Appreciation, Sadara – Site Logistics unit, Vice President & Directors | Jubail, Saudi Arabia
Certificate of Appreciation, Sadara – Central Maintenance Shop, Leader & Superintendent | Jubail, Saudi Arabia
CRT 2018 Trophy, Sadara – Contributions in Sadara Credibility Test 2018, CEO | Jubail, Saudi Arabia
Certificate of Appreciation, Sadara – Chemicals I & II Isocyanates unit, Superintendent | Jubail, Saudi Arabia
Certificate of Appreciation, Sadara – Chemicals III EO unit, Plant Director | Jubail, Saudi Arabia
Recognition Certificate – Siemens AG, for the best leadership skills | Khobar, Saudi Arabia

Skills

Management

- Team building and Project leading
- Human/Interpersonal management skills
- Problem solving and decision-making
- Mentoring and Extrovert nature
- Adept at maintaining professional relations
- Project budgeting, sales, contracts & meetings
- Project Documentation: P&IDs, BOM, Initial designs, PO, PR, SSJ, BOP, cabinet layouts, FAT, SAT, ILDs

Technical

- Siemens S7200/300/400/1200, PCS7, STEP7
- ABB 800xa system (hardware & application)
- Rockwell Alan Bradley & Machine Protection Systems Prognost, Bently Nevada and System1
- Triconex, Genesis, Analyzers and HIMA systems
- OPC, Modbus, IR4.0, Big-Data, Cyber security, IT/OT, Automation, CPS Advance Systems, Instrumentation
- Web/Android development, Photoshop, C/C++/Java

Personal Details

D.O.B: 18th April 1991 | **Marital Status:** Married | **Nationality:** Pakistani | **Saudi Arabian** Residency, Insurance & Driving License