

RESUME

MOHAMMED MANSOOR KAZIM B.E.(I.T), PGDIA

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CAREER PROFILE

Highly-skilled, **ARAMCO & KOC Experienced Instrumentation Engineer** with a wealth of experience in Instrumentation, Commissioning, Automation & Controls. Proficient in Installation, Calibration of Instruments, Fire Water System, Troubleshooting, Loop Checking, Programming & Commissioning, DCS, PLC, SCADA, FF & Hart Devices, VFD, HMI/MMI, MS-Office, Auto CAD & well versed with internet etc; delivers projects within required time frame & budgetary constraints; effective interpersonal skills. I want to be a part of an organization that appreciates hard work & guides to a new high position.

I can manage in a short period to gain good understanding of the methods & tools used in Instrumentation Engineering and that was mainly due to my studies which equipped me well with a strong mathematical background & an engineering judgment.

EDUCATIONAL QUALIFICATION

Bachelor of Engineering in Instrumentation Technology 2008-2012

Visvesvaraya Technological University, Belgaum, Karnataka, India

(Degree Attested & Authenticated by HRD, GRD-INDIA, Saudi Embassy & Kuwait Embassy)

PROFESSIONAL QUALIFICATION

Post Graduate Diploma In Industrial Automation 2012

Certified Industrial Automation Engineer by Technocrat Automation Pvt. Ltd.

ISO 9001:2008 Certified & IAO - Prime Accreditation Certificate

PROFESSIONAL TRAINING/ SKILL/ ID's

- ✓ **TROPICAL HELICOPTER UNDERWATER ESCAPE TRAINING** – Approved by OPITO (Offshore Petroleum Industry Training Board) Saudi Arabia.
- ✓ **SAUDI ARAMCO Approved ID – 8108921**
- ✓ **Jubail Commercial Port ID – 13330-4**
- ✓ **Dammam Port ID – 70335-4**
- ✓ **KOC ID – 408936**

PROFESSIONAL EXPERIENCE (9.5 Years of Extensive Experience)

1. Company Name : **Petrofac International Co. Ltd, LFHO (Abdali), Kuwait.**
Kuwait Oil Company (LFHO Project)
Designation : *Instrumentation Commissioning Engineer.*
Duration : *Aug 2018 to Dec 2021.*
2. Company Name : **Al Najm Al Thaqib Co., Jubail, Saudi Arabia.**
(ARAMCO Onshore & Offshore Projects)
Designation : *Instrumentation & Controls - Service Engineer.*
Duration : *July 2012 to June 2018*

FEW PROJECTS HIGHLIGHTS

- ✓ **Kuwait Oil Company Lower Fars Heavy Oil Project Commissioning of Various Kind of Instruments, VFD, Loop Checking & Perform SAT for the Kuwait Oil Company.**
- ✓ **Comnav Autopilot Installation in MV SAFANIYA 6, Owned by SAUDI ARAMCO.**
- ✓ **DESIGN, INSTALLATION & COMMISSIONING OF FLOW CONTROL & MONITORING SYSTEM FOR ZAMIL OFFSHORE SERVICES (ZAMIL 502, ZAMIL 507, ZAMIL 508)**
- ✓ **INSTALLATION AND COMMISSIONING OF MSB PANEL FOR PSV HADI 2.**

PROFESSIONAL EXPERTISE AND RESPONSIBILITIES

At Petrofac International Co. Ltd:

- ✓ Supervision of all shutdown logics (ESDV, BDV and Fire & Gas) function tests and instrument loop test from Honeywell DCS, EPKS R-500 with the help of emergency shutdown logic loop diagram, Cause and effect matrix.
- ✓ Closing Punch List based on the Client requirements.
- ✓ Exposure to logic troubleshooting & the practical testing of logic both software and on paper.
- ✓ Ability to converse with specialist automation engineers & provide solutions to logic issues.
- ✓ Provide specialist knowledge and advice relating to Control & Automation, Cause & Effect Testing, complex loop checking, Loop tuning.
- ✓ Configuring & maintaining automation on multiple DCS, PLC, & HMI platforms.
- ✓ DCS/PLC Commissioning, Troubleshooting & HMI/Graphics Modification.
- ✓ Perform hands-on commissioning in both Greenfield and Brownfield environments.
- ✓ Attend all mandatory training as specified in HSE, and Permit To Work training schedule, and to act as Performing and/or Area Authority.
- ✓ Working knowledge of server operating systems, network protocols and industrial protocols (e.g. Foundation Fieldbus, Hart & Modbus) sufficient to support a process control network.
- ✓ Attend and execute the Site Acceptance Testing (SAT) when required.
- ✓ Ensuring that commissioning procedures and paperwork is completed to enable a smooth hand over of systems to Operations.
- ✓ Manage smooth commissioning of the project by Coordinating between the Company and the Client.
- ✓ Prepare and maintain commission records of site observations, testing processes and checklists.
- ✓ Track and review progress through meetings.
- ✓ Attain customer satisfaction through adhering to owner guidelines with the entire project team.
- ✓ Accountable for ensuring all instruments commissioning is carried out in accordance with project commissioning specifications, standards and procedures.
- ✓ Reviews the project technical documentation and the contractual requirements.
- ✓ Ensures safe execution of all commissioning activities through the application of the work permit procedure.
- ✓ Coordinates activities of vendor representatives and subcontractors.

At Al-Najm Al-Thaqib Co:

- ✓ Installation and Commissioning of RIKEN KEIKI, TOKA SEIKI, TQ, CONSILLIUM, MSA, and SMC & CROWCON gas detection system.
- ✓ Experience in Installation, Commissioning and Troubleshooting of Fire Detection Systems both Conventional and Addressable types.
- ✓ Installation & commissioning of Public Address system.
- ✓ Installation & commissioning of Alarm Monitoring Systems for Industries & Marine sectors.
- ✓ Servicing & Commissioning of ODME (VAF INSTRUMENTS, OPTIC INSTRUMENTS, SERES), OMD (DECKMA HAMBURG), Oily Water Separator.
- ✓ Calibration, Installation, Maintenance, Loop Checking and Commissioning of various kinds of Instruments and Control Systems.
- ✓ Troubleshooting of Generators.
- ✓ Develop and program PLC's to integrate production machines to conveying systems.
- ✓ Provide field support in the areas of component testing/configuration, control wiring and PLC/HMI commissioning.
- ✓ Develop or Modify PLC programs based on logic diagrams, control components and engineering/user input.
- ✓ To take a challenging role and make significant contributions in the multiple disciplines of DCS engineering and apply my expertise in DCS programming, application, maintenance and troubleshooting.
- ✓ To monitor and take corrective actions on DCS during any abnormalities in the shift with the objective of ensuring smooth running of projects.
- ✓ Design, implement and maintaining a SCADA system includes designing hardware and software functional specifications for processes.

CORE COMPETENCIES

- ✓ **13 Major Brands of PLC's** - Programmable Logic Controllers
(Allen-Bradley: Micro logic 1500, S/w- Rockwell, RsLinx Classic, RsLogic 500, RsLogic Emulate
ABB: AC500PM564, PM564TETH, S/w- ABB Control Builder Plus V2.1
Siemens: S7300, CPU-312C, S/w-Simatic Manager V5.5, Firmware V2.0 & V2.6
GE-Fanuc: CPU-331, Series N/w Protocol, S/w- Versa pro V 2.40, Modular type- IC200UDR005,
Versa max Microcontroller Series, Keyence: KV24R, S/w- Ladder Builder V 1.50
Omron/LG + 2 Rack PLC, Mitsubishi: FX64MRES, S/w-Gx Developer V8.2
Messung: NEXGEN 2000 Plus Series, S/w- Code Sys V2.3
Schneider: TWDLCAA24DRF S/w- TwidoSoft V3.5 & 2 Advanced PLC (Siemens & ABB))
- ✓ **5 Major Brands of SCADA** - (WonderwareIntouch-V 9.5-Invensys Brand, Intellution Fix 32-V 7.0-Gefanuc Brand, WinCC, 800xA Systems & Experion - PKS400.1)
- ✓ **2 Major Brands of VFD** - Variable Frequency Drivers (ABB & Siemens) : ACS 355-01E-04A7-2
- ✓ **6 Brands of MMI**-Man M/c Interface (Siemens, ABB, Messung, Schneider, Delta & Honeywell).
- ✓ **Pneumatics & Field Instruments.**
- ✓ **2 Major Brands of DCS** - Distributed Control System & Special Operations
(Honeywell: S/w-Configuration Studio 4.0, EPKS R-500, HC900-C50, S/w- Hybrid Control Designer V4.403, & ABB).
- ✓ **PAC** - Programmable Automation Controller - Honeywell (Hands on Practical).
- ✓ **Servo** - Motion Control Interface.
- ✓ **Master Slave Connectivities** - Master as an Honeywell DCS, Slave as a PAC Configuration & Master as an ABB DCS, Slave as an AC500 PLC Configuration.
- ✓ **RTU** – Remote Terminal Unit.
- ✓ **PID** – Proportional Integral Derivative.
- ✓ **GSM PLC** – Model: DVP-40EH, Delta Brand and **MCC Panel**.

ENGINEERING FINAL YEAR PROJECT HIGHLIGHTS

Project: **SOLAR TRACKING SYSTEM FOR OPTIMAL POWER GENERATION**

Project Brief: The purpose of the project is to implement a system to continuously track the sun rays with the help of the solar panel and grasping the maximum power from the sun by rotating the solar panel according to the sun rays direction with respect to time.

OTHER ACADEMIC ACTIVITIES

- ✓ Participated in International Conference on "LATEST TRENDS IN NANOSCIENCE AND NANOTECHNOLOGY" during academic year 2011.
- ✓ Participated in Cricket & Football zonal, organized by Visvesvaraya Technological University, Belgaum, during academic year 2008.
- ✓ Participated in Slow Cycling Race and achieved 2nd place during academic year 2006.
- ✓ Participated in 6th International Level Science Talent Examination in 2004 and secured 2nd Rank in School level.

PERSONAL DETAILS

Father Name : Mohammed Idrees.
Nationality : Indian.
Driving License : **India & Saudi Arabia**
Date of Birth : 2nd August 1989.
Religion : Islam.
Marital Status : Married.
Languages Known : English, Urdu, Hindi, (Kannada) & (Arabic).

Passport Details:

Passport No. : S4872740.
Date of Issue : 03/08/2018.
Date of Expiry : 02/08/ 2028.

Declaration:

I hereby declare that the details furnished above are true to the best of my knowledge and belief.

(Mohammed Mansoor Kazim)