

## AARON WILLIAM COUTINHO

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### PROFESSIONAL SYNOPSIS

- ≈ A dynamic professional with extensive experience in Control & Instrumentation Industry. Primarily focused on Project Management and Design Engineering.
- ≈ Excellent Interpersonal and Communication abilities with a wide range of technical skills.
- ≈ Enjoys being part of a team, as well as managing, motivating and training a productive team, and thrives in high pressure and challenging working environments.

### EDUCATIONAL QUALIFICATION

Qualification	Board/University	Year of Passing	Percentage %
B.E in Electronics & Telecommunication	Mumbai University	2012	68.90
Diploma in Electronics & Telecommunication	MSBTE	2009	86.55
S.S.C.	Maharashtra State Board	2006	73.20

### AREA OF EXPERTISE

- Design and Detailed Engineering, Project management, Procurement, Supervision of installation, testing, calibration, loop checking, Pre-commissioning and final commissioning of instruments.
- Preparation of Instrument datasheets as per specification & interaction with vendor. Preparation of containment / cable tray layouts depicting JB's, cable routing drawing, finalizing tray sizing as per cable schedules, preparing cable schedules as per I/O list, Instrument Layouts, JB designing & grouping, Instrument Hook-up drawings, selection of instruments, any drawing preparation as per project requirement for installation.
- Shown expertise in preparing technical documents such as Data Sheets, Specifications, Material Requisitions, Technical Bid Evaluations, Commercial Bid Evaluations, etc.
- Customized Templates for various reports (IO List, Index, Datasheets, Cable Schedule, JB Schedule and so on) in AVEVA Instrumentation. Skilled in development of various instrumentation deliverables like instrument Index, JB Schedule, hook-up drawings, loop diagrams, Cable Block Diagram in AVEVA Instrumentation.
- Knowledge of control system deliverables such as Control Panel Design, Termination Drawings and Equipment Location Plans, Develop Database.
- Skilled in managing meetings/interactions with client/third party to understand project requirements and implementing the same successfully.
- Excels in managing & delivering projects, supporting sales in bid proposals, conducting analysis to determine requirements, project & process implementation.
- Gained exposure in reviewing documents such as TBE, Specifications, GA, Layouts, ITP, ITR, FTR, OTP, MS, FAT & SAT procedures and so on.
- Preparing objectives & project plan (prima vera P6). Attending client progress meetings. Also estimating cost for Materials / manpower for project duration.
- Supporting site team to perform lab calibration as per client requirements. Supporting Automation Engineer on field for Pre-commissioning and Commissioning activities for successful completion of SAT.
- Managing commissioning activities of system for final handover to client.

- Keeping a close track of Project Document register & making sure all documents are submitted in timely manner & responding to client / consultant comments immediately with solutions / clarifications. Co-ordinating and interacting with client / consultant for getting engineering approvals so that site works can be fast tracked & started immediately.
- Overseeing and active involvement in Project QC activities for getting company materials / works certified for invoicing.
- Carrying out site survey during project tender phase & preparing BOQ for estimation. BOQ finalization by freezing design for the projects.
- Installation of Cable Trays, conduits, Junction Boxes, Instruments, Panels, Analyzers, equipment's. Overseeing all construction & QC activities.
- Coordination and follow up with suppliers, clients, Production, Maintenance, Subcontractors, project sites, workshop, stores, etc.
- Involved in the hiring selection of staff and workers.
- Keeping close track on exact work contract & preparing & submitting variation claims to client for approvals.
- Capturing delays from client side & Preparing EOT if required & associated cost & submitting the same to client.
- Preparation of as built Drawings, project dossier for final submission to client.

**PROFESSIONAL EXPERIENCE:**

**PRESENT:**

**1) EMDAD ENERGY, UAE: (NOV 2022 – PRESENT)**

**PROJECT #1: HALON REPLACEMENT PROJECT**

**CLIENT:** ADNOC OFFSHORE(UAE)

**DESIGNATION:** SR. PROJECT ENGINEER

**PROJECT SYNOPSIS:**

- Preparation of engineering deliverables for re-commencing the project.
- Preparation of project schedule, manpower allocation and finalizing the material required for completion of project.
- Involved in site survey during engineering stage.
- Developing Asset Register Dossier and SPIR (Spare Part Interchangeability Record).
- Involved in estimation for tendering.

**PAST EXPERIENCE:**

**1) SILVERTECH-ROCKWELL AUTOMATION, UAE: (MAR 2021 – OCT 2022)**

**PROJECT #1: HALON REPLACEMENT PROJECT**

**CLIENT:** ADNOC OFFSHORE(UAE)

**DESIGNATION:** PROJECT INSTRUMENTATION ENGINEER

**PROJECT SYNOPSIS:**

- Developing various instrumentation deliverables like instrument Index, instrument I/O list, cable schedules, JB Schedule, hook-up drawings, loop diagrams, Termination Wiring Diagrams, Cable Block Diagram and so on
- Preparation of Method Statements, Operational Test Procedures, SAT Procedures, ITP's.
- Preparing & Maintaining Commissioning Database.
- Reviewing and/or approving vendor drawings for compliance with project specifications
- Interacting and communicating with Clients, Subcontractors, Vendors and other Consultants
- Collaborating with drafting/design group to develop and review engineering drawings

- Commissioning status database management (including ITR, FTR Status and Completion Dossier)
- Managing workload, project resources, requesting assistance as necessary
- Drafting inquiry and purchase requisitions as well as bid tabulations associated with equipment purchases
- Working in close co-ordination with client.
- Leading the construction & commissioning team on site ZCSC, ZWSC for Halon replacement project.
- Nominated as Site commissioning leader & successfully commissioned new Novec systems in ZCSC (ADNOC Offshore).
- Passed WMS training & working as Performing Authority in ADNOC WMS system.
- Design of wiring for Halon to Novec changeover that requires shutdown & successful execution of the same.
- As-Built Coordination and Final Dossier Preparation
- Involved in site survey during engineering stage.
- Developing Asset Register Dossier and SPIR (Spare Part Interchangeability Record).
- Attending Client FAT for system logic check.

**2) ARMEPCO-(Al Raha Mechanical), UAE: ( JUL 2020 – FEB 2021)**

**PROJECT #1:** UZ-750 EPC - 2 E&I Works

**(JUL 2020 TO NOV 2020)**

**CLIENT:** SIEMENS-PETROFAC / ADNOC ONSHORE QUSHAWIRA (UAE)

**DESIGNATION:** PROJECT ENGINEER

**PROJECT SYNOPSIS:**

- Site Management for the construction/Installation works Electrical/Instrument/Telecom cable Installation, Battery Installation and ensures compliance with the project drawing/specification and requirements.
- Progress monitoring (daily, weekly and monthly) Electrical & instrumentation works according to Client and advance scheduling of instrumentation jobs before initiating work activities.
- Preparation of engineering deliverables using AVEVA & SPI tools.
- Procurement of E&I Consumables
- Responsible for conducting the coordination meeting with main contractor and Sub-Contractors to resolve the project.
- Ensuring that all required documentation for the execution of the project works are raised in compliance with company rules and standards
- Progress meeting with the client
- Ensuring the completion of Installation works as per the Project Schedule

**PROJECT #2:** FB-152-05-IP to PBU Hook-up of 14 Wells

**(DEC 2020 TO FEB 2021)**

**CLIENT:** ADNOC OFFSHORE (UAE)

**DESIGNATION:** PROJECT ENGINEER

**PROJECT SYNOPSIS:**

- Designing of IO list, cable schedule, Loop drawings, instruments, layout drawings, hookup drawings.
- Working in close co-ordination with client.
- Involved in procurement activities.

- Site in charge for construction activities.

**3) TELINSTRA-OPTILAN, UAE: ( JAN 2017 – JUN 2020)**

**PROJECT #1: EMPOWER - COMMAND CONTROL CENTRE INTEGRATION OF 16 PLANTS – PHASE 3  
(JAN 2017 TO MAY 2017)**

**CLIENT: EMPOWER ENERGY SOLUTIONS (UAE)**

**DESIGNATION: PROJECT ENGINEER**

**PROJECT SYNOPSIS:**

Design, Supply, installation, testing and commissioning of control systems, Instruments, valves and integration of district cooling plant Systems with CCC SCADA system.

**PROJECT # 2: EPC FOR AL DABBIYA SURFACE FACILITIES – PHASE III – HVAC E & I WORKS  
(JUNE 2017 – SEPTEMBER 2019)**

**CLIENT: ABU DHABI COMPANY FOR ONSHORE PETROLEUM OPERATIONS(ADCO)(UAE)**

**DESIGNATION: SR. PROJECT ENGINEER**

**PROJECT SYNOPSIS:**

Project management, Engineering & design of Instrumentation deliverables, testing, commissioning of electrical, control systems & Instruments for HVAC systems for 11 stations (Substation-3,4,5, ITR-3,4,6, Industrial bldg., Al Rafique bldg., Oil spill center bu-labyad, Cluster U & B), all related E & I works.

**PROJECT # 3: SRU CEMS UPGRADE – NEO MONITOR ANALYSERS  
(OCTOBER 2019 – DECEMBER 2019)**

**CLIENT: ADNOC GAS PROCESSING (AGP)(UAE)**

**DESIGNATION: SR. PROJECT ENGINEER**

**PROJECT SYNOPSIS:**

Project management, EPC, testing and commissioning of new NEO monitor CEMS analyzers; replacement of existing CEMS system.

**PROJECT # 4: EMPOWER TECOM ‘C’ DISTRICT COOLING PLANT  
(JANUARY 2020 – PRESENT)**

**CLIENT: VOLTAS**

**DESIGNATION: SR. PROJECT ENGINEER**

**PROJECT SYNOPSIS:**

Project management, EPC, testing and commissioning of control systems & Instruments for newly constructed Empower Tecom District Cooling Plant. All related E & I works.

**4) QATAR ENGINEERING AND CONSTRUCTION COMPANY(QCON): (JUN 2013 – DEC 2016)**

**PROJECT # 1: NOX REDUCTION PROJECT FOR AKG TRAIN**

**CLIENT: RASGAS**

**DESIGNATION: JR. INSTRUMENT ENGINEER**

**PROJECT # 2: MAJOR MAINTENANCE TURAROUND**

**CLIENT: QAFAC**

**DESIGNATION: INSTRUMENT ENGINEER**

**PROJECT # 3: QAPCO EP3 PROJECT (FURNACE 3, 4, 5, 6)**

**CLIENT: QAPCO**

**DESIGNATION: INSTRUMENT ENGINEER**

**PROJECT # 4: FUEL GAS BACKFLOW PROJECT**

**CLIENT: QATAR SHELL GTL**

**DESIGNATION: INSTRUMENT ENGINEER**

**PROJECT # 5: CAEL PROJECT FOR FLARE MINIMIZATION DURING TRAIN 3,4,5 STARTUP**

**CLIENT: RASGAS**

**DESIGNATION: INSTRUMENT ENGINEER**

**5) KONICA AUTOMATION : (JUNE 2012 – JUNE 2013)**

**DESIGNATION: FIELD ENGINEER**

**WORK PROFILE:**

- Variable Frequency Drives (LV, MV & HV) Selection and Wiring Scheme Diagrams.(Siemens V20 Series),Yasakawa(V1000/A1000/P1000/U1000 series).Installation and Servicing of drives according to client's requirements.
- During spare time, going out with colleague Sales Engineer, providing sales support during onsite client meetings. Identifying Client Requirements. Reviewing customer drawings, plans and other documents in order to prepare detailed technical proposal for them.
- Offering after-sales support services to Clients. Travelling to visit potential clients. Negotiating tender, contract terms and conditions.
- Putting together technical instruction for customers in relation to the use, operation and maintenance of purchased products.

## **PROFESSIONAL COURSES / SKILLS**

### **Additional Courses:**

- Prima Vera P6.
- AVEVA.
- ADNOC WMS(PA).
- T-BOSIET.

## **ACADEMIC PROJECTS**

### **Degree Projects**

- Major Project: Simulation of Rayleigh Fading Channel
- Mini Project: Window Fence Charger

### **Diploma Project**

- RFID Based Locker System

## **PERSONAL DETAIL**

Languages known	:	English, Marathi & Hindi
Permanent Home		
Country Address	:	‘Anmol’, Nandvan Wadi, Giriz, Mumbai, Maharashtra, India
Contact Details	:	<b>coutinho.aaron@yahoo.com</b> <b>IND :+91-9923088846 /+91-9923217005</b> <b>UAE : +971- 502560218 / +971-562178201</b>
PO box	:	401201
Sex	:	Male
Marital Status	:	Single
Date of Birth	:	12 <sup>Th</sup> August, 1990
Nationality	:	Indian
UAE Driving License	:	2663246
Passport Status	:	Passport No – V7966180 Date of Issue – 08/06/2022 Date of Expiry – 07/06/2032

I hereby declare that all the statements made in this Curriculum Vita (CV) are true, complete & correct to the best of my knowledge & belief.

Date:

Place:

**(AARON WILLIAM COUTINHO)**