



KAPIL PRADIP SURVE

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Professional Synopsis

- ⇒ Highly motivated, goal-driven Instrumentation & Controls Engineering Professional offering approx. eleven years of practical experience.
- ⇒ Proven capacity for envisioning, designing and developing process control system solutions for wide range of industrial spectrum.
- ⇒ Leading and Managing Large & Diverse teams on project.
- ⇒ Estimating Efforts required for Various Projects for Honeywell Front offices.
- ⇒ Highly adept at assessing and delivering solutions to challenging engineering problems. Well-versed in a breadth of Distributed control systems (DCS)
- ⇒ Skilled in different technology which includes **Honeywell Experion PKS System, C300 & HPM Controller based system, Advanced Alarm Management , Networking, Virtualization technology, Migration of various DCS to Experion PKS.**
- ⇒ Broad based competencies in project planning, designing & layout, defining cost estimates & activity schedules, preparing risk and opportunity matrix, mobilizing & judiciously deploying resources to achieve project execution within challenging cost and time lines.
- ⇒ Possess distinction of engineering & commissioning DCS automation projects, demonstrating skills in requirements gathering, design, configuration, integration and implementation of process control solutions
- ⇒ Developing Functional Design Specification as per Project Specification and Project Standards & Proposals including Solution Design & Implementation of the same
- ⇒ Demonstrated abilities in Functional and detailed Hardware engineering: Block Diagrams, System Architecture Diagrams, Networking Drawings, Bill of Materials, Marshalling Engineering and other Engineering Documentation.
- ⇒ Functional and Detailed Application Software Engineering: P&ID understanding, Database building, Logic and Control Scheme Understanding based on logic diagrams and control narratives, PFD, Implementation, Documentation and testing on the system.
- ⇒ System Testing at Factory and Factory Acceptance Test (FAT).
- ⇒ Commissioning and Site Installation/Acceptance Testing(SAT/SIT)
- ⇒ Conducting various project delivery review meeting with customer and understand & analyze their requirements/comments to ensure fasten and defect free deliverables for maximum customer satisfaction.
- ⇒ Extensively used QMS/DMS Tools to improve overall efficiency and defect free deliverables
- ⇒ Aware of Project Planning and Execution
- ⇒ Preparing RFQ to get quotes from sub vendor/suppliers & analyze technical compliance of proposal
- ⇒ Worked as 5S Leader for AP Region in GS-HPS
- ⇒ Completed PMP Classroom Training(Boot Camp)
- ⇒ Managing and mentoring team of 30 plus engineers with various experience Level.
- ⇒ Conducted Interviews for various Candidates for Project (Contractor) and Company Recruitment (Payroll).
- ⇒ Support & Consult Tool Development team for Testing and Development on various productivity improvement tools.
- ⇒ Member of Process owners Group for Controls & Server

Organizational Experience

Since Jul'07: Honeywell Automation Ltd., Pune as Lead Engineer

Joined as Graduate Engineer in Jul'07 and currently working as Lead Engineer in Global Engineering Service (Projects & Automation Solutions)

TRAININGS ATTENDED & COURSES

- ⇒ PMP Boot Camp for PMP Certification credentials.
- ⇒ Honeywell Lead Engineering Certification
- ⇒ Honeywell Experion PKS R300 Server (Bronze Certification)
- ⇒ Honeywell Experion PKS C-300 controller (Bronze Certification)
- ⇒ Honeywell Experion PKS R310 Server Certification
- ⇒ Honeywell Experion PKS R311 Server Certification
- ⇒ Honeywell Experion PKS R400 Server Certification
- ⇒ Honeywell Control System Discipline Engineer Certification
- ⇒ Honeywell Foundation Field bus Implementation
- ⇒ Honeywell Field Device Manager
- ⇒ Advanced Alarm Management System R-300 and R-310
- ⇒ Honeywell Six Sigma plus Green Belt Certified.
- ⇒ Cisco Certified Network Associate (CCNA)
- ⇒ Scrum Fundamental Certified.

PROJECTS HANDLED

Title: Hanwah Total, South Korea

Time Period: Aug 18 – Till Date

System: EPKS R500

Designation: Lead Engineer

Responsibilities:

- Input Analysis & Discuss Scope and Requirement gathering with FO Team.
- Prepare Estimation & Resource Planning for Execution.
- Preparation of Sequential Flow Chart from AMCL and HPM CL Code for Approval from End user.
- Supported Initial Activity at Honeywell Korea Office.

Title: Lochard Energy-IONA Gas Plant, Australia

Time Period: Jun 18 – Till Date

System: EPKS R431.1

Designation: Lead Engineer

Responsibilities:

- Input Analysis for Migration of AB PLC to EPKS.
- Discuss Scope and Requirement gathering with FO Team.
- Prepare Estimation & Resource Planning for Execution.
- Study Inputs and analyze existing AB PLC Code for Compressor Sequence Development (5 No Of Compressor)
- Completed Migration for C404 and C405 Compressor and tested with FO.
- Migrate Compressor Logic in SCM & Testing with FO.
- Leading Team of 2 Engineer.
- Follow Honeywell QMS/DMS Process

Title: Watson Cogen, USA

Time Period: Feb 18 – Jun 18

System: EPKS R431.1

Designation: Lead Engineer

Responsibilities:

- Analyze the Work pack and gather inputs and requirement from FO & estimate the efforts and plan resources.
- Study Inputs and analyze existing AMCL & HG Configuration and migrate to EPKS.

- Prepare Query & Assumption list and Coordinate with FO and End user for query resolution.
- Prepare Estimation & Resource Planning for Execution of all 6 units.
- Migrate Complex AMCL to CM/SCM & Test Logic with FO.
- Leading Team of 5 engineering & developing team for Legacy Migration.
- Follow Honeywell QMS/DMS Process
- Successfully completed project audit with quality leader & External Auditor.
- **Awarded Partner Award for Team Handling & Successfully Testing & Delivering Complex CL Migration in May 2018**

Title: EGA Al-Taweelah Alumina

Time Period: May 16 –June 18

System: EPKS R432.1

Designation: Lead Engineer

Responsibilities:

- Study ATA Standards & prepare and Test Configuration Typical as per customer requirement.
- Review Inputs (Functional Specifications/Datasheets/C&ID) for various units & get query resolved from EPC/FO.
- Estimated man hours effort required for Unit wise implementation.
- Prepare schedule & Man Hours Estimation with PM and Prepare resource loading and planning activity for entire life cycle of project.
- Prepared FAT & FAT Resource Plan & FAT Area Plan
- Prepared FAT Tracker to Track Overall Progress of Facility wise FAT which was used by top management for Analysis purpose.
- **Leading and Managing Mix and diverse team of 30 + engineers (Experience Level Fresher To 12 + Years)**
- Assign tasks to member team & Monitoring and mentoring them on various technical aspects
- Keep track of progress of project and help PM in preparing status and various reports.
- Prepared Automated Test Procedure for Typical.
- Prepared Automated QC Tool for bulk edit and configuration verifications.
- Prepare Step by step Procedure & Process flow for individual unit wise Configuration this has help extensively in terms of standardization of overall Implementation and reduce the onboarding time for new resource
- Prepare Checklist for DCS Configuration
- Review & Quality Check work done by team member.
- Successfully demonstrated Templates and completed Typical FAT with end user at Abu Dhabi UAE
- Successfully Lead the FAT for Calcination Area & completed.
- Leading & mentoring team on Hydrate & Clarification Areas.
- Successfully setup tested Physical Safety manger and Simulated C300 Controller integration over Cloud (Virtualization) to EPKS server established and tested 1st time in Honeywell.
- Prepared Guidelines and checklist.
- Prepare Change Management Plan to manage Updated Functional Spec Deliverable Post FAT Changes to site.
- **Awarded Bravo for Efforts and leading Team during Disaster Recovery of VEP system May 2017**
- **Awarded Bravo for Leading Data analysis and Consistency checks across all communities Oct 2017**
- **Awarded Partner Award for Technical Excellence & Lead Engineering Implementation Team during Project Execution and Successfully Completing the FATs for all 34 Facility.**

Title: NTE St. Paul Park Refinery

Time Period: Dec 15 –May 16

System: EPKS R400.2/430

Designation: Lead Engineer

Responsibilities:

- HPM to C300 migration & New SWS unit Addition at SPPR.
- Review Customer Input and Prepare Execution schedule in consultation with PM.
- Guide & mentor Team members on various technical aspects.
- Identify scope changes and track change order approval from end user
- Coordinate with Remote team & Customer get worked done on or before schedule.
- Review & Quality Check Final deliverables.
- Review Deliverables with customer.
- Successfully completed Migration FAT with end user.

Title: Chevron Ornite (Manufacturing's), New Orleans, LA

Time Period: Nov 15 –Dec 15

System: EPKS R410.8

Designation: Senior Engineer

Responsibilities:

- Prepare the New Node for LCN Clusters for FAT
- Install and Configure Experion Station and Servers for FAT
- Setup System Ready for FAT
- System Include four Pair of Redundant Experion Server with DSA across Cluster 1 & 2.
- 8 No of ES-T Stations and 12 No of Flex Station
- Successfully Completed Pre-FAT & FAT with End user.

Title: Chevron Ornite (B&S), New Orleans, LA

Time Period: Sept 15 –Oct 15

System: EPKS R410

Designation: Site Engineer

Responsibilities:

- Migration of Existing R400.2 EPKS system to R410.8 during Cutover at site.
- Successfully completed Migration with Name Change of Servers during Migration(1st Migration for Honeywell US With Node Name change Support)
- Migrate Experion Stations. Server for Training BSS and Production BSS System.
- Coordinate between Honeywell Team and Get Migration Completed successfully
- Report customer and Honeywell management on status of progress & track deficiency Logs.
- Coordinate with Technical Assistance Team for site related issues and get them resolved.

Title: KAO Specialty Materials Graphics Migrations

Time Period: April'15 –May'16

System: EPKS R410

Designation: Lead Engineer /Front Office Coordinator

Responsibilities:

- Plant 3C,3B & Plant 1,2,3 Graphics Migration(R311 to R410) Total No of Graphics (Approx 720)
- Existing graphics are built with non standard ASM Shapes Honeywell Scope of work includes Proposing Latest HMI SB,ASM Std Shapes and Replace and Migrate graphics to R410.
- Responsibility includes Co-ordination with BO Keep track of Work done and Quality
- Prepare and Track Deliverable Schedule
- Prepare DCI and modify at end of each deliverable.
- Perform Final Quality Checks and Deliver the Graphics to Customer.
- Co-ordination between BO and Customer Resolving customer Concerns, Queries and monitoring the Progress and Quality of work done at BO.
- Demo to customer on special graphics (L1 Overview) which is developed as per customer specification using plenty of Custom Shapes & Scripting.
- Resolving day to day issues on site using remote access from site & Help customer whenever required.
- Prepare the Monthly Status Report (Technical) to be sent to customer.
- Received customer appreciation award.
- Attend the GATE Review Meetings as per project Progress & Report progress to stake holders
- **Awarded with Partner Award for exuberant efforts in Coordinating between end user and leading team remotely and successfully handing over project to end user.**

Title: Various Project Support at Honeywell Cincinnati Office

Time Period: April'14 – May'16
System: EPKS R410
Designation: Senior Engineer/ Front Office Coordinator (Onsite)

Responsibilities:

- Supporting Various ongoing projects as below
- P&G Virtualization :Prepare FDS,DDS and Prepare virtualization architecture based on Proposal for Plant 7G,7M and 15F
- SCA Tissues (Hot Cutover Support): Support startup activities post migration on Site.
- MPC Canton (Hot Cutover Support): Prepare Hot cutover Plan as per up gradation Plan, Will be supporting hot cutover activity on site, Coordinate with BO for SDM Modifications.
- Valero Demo: This Project is in bidding stage and to support Sales Team Prepared the Demo Based on customer Specifications (Demo Narrative) which included Control module, SCM and HMI Graphics.
- Loaders FAT Setup :Installed EST and ESVT Station in LAB for Loaders FAT Support

Title: Invista Victoria
Time Period: Aug'14 –March'15
System: EPKS R430 (C300)
Designation: Senior Engineer (Onsite)
Consultant: Honeywell Ltd (Houston)

Responsibilities:

- Prepare the IO Database for customer approval based on Existing P&ID, DCS Configuration, Loop Drawings & Electrical/Motor Schematics for C12 Area.
- Study Existing Complex loops by analyzing Configuration (Bailey Infy90/Spec200S) with respect to P&ID and Electrical Drawings and Write Control Narratives/Sequence Narratives for 311/BIO /COGEN and Boiler-7 area.
- Post FAT Additional Scope Server and System Cabinet Design manuals
- Coordinate with Back office for SDM changes.

Title: OOCEP Block 60, Oman
Time Period: March'14 –Jun 2014
System: EPKS R430 (C300)
Designation: Senior Engineer (Back Office/Onsite)
Consultant: Enerflex Pty Ltd, Australia

Responsibilities:

- Implementation of Post FAT Changes and Post OTS Deficiency Log
- Post FAT Additional Scope Server and System Cabinet Design manuals
- Co-ordinating with factory on Order and Testing.
- Onsite Support for startup activities which includes Power on and Completed SIT.

Title: Ethydc
Time Period: Feb'14 –July 2014
System: EPKS R430 (C300)
Designation: Senior Engineer (Back Office)
Consultant: Toyo Engineering South Korea

Responsibilities:

- Handled teams of four engineers to complete the various Ethydc deliverables.
- Prepared DCS FDS
- P&ID reconciliation & Prepare the IO Database from P&ID

- Template Identification based on P&ID, Loop Drawings & Logic Diagrams.
- Prepare Query & Assumption list and Coordinate with FO and End user for query resolution.
- Assigned task to team members and complete Level 1/ 2 QC

Title: Borouge-3 PO (C300) Ruwais Abu Dhabi

Time Period: Dec'13 –Feb 2014

System: EPKS R410 (C300)

Designation: Senior Engineer (On Site)

Consultant: TSJ

Responsibilities:

- Worked as Commissioning engineer
- Assist TSJ for Loop checks & SIT of various PO SIS.
- Modify the Graphics and CM Configuration as and when required as per changes.
- Close the Punch Points during SIT.
- As built Verification and markups Post SAT.

Title: BP: Kwinana (HPM-C300 Migration) Perth, Australia

Time Period: Sept'13-Dec 13

System: EPKS R410 (C300)

Designation: Work Pack Lead Engineer (Back Office)

Consultant: BP (End User)

Responsibilities:

- Worked as Lead engineer for ISOM Unit
- Study Inputs and analyze existing HPM &HG Logic
- Reconsolidate IO and Prepare CM Typical
- Prepare Query & Assumption list and Coordinate with FO and End user for query resolution.
- Identify the Typical Applicable and Configure Points and Logic in C300 based on EB files HG data and Logic Diagrams
- Assign and distribute task to team members and keep track of deliverables.
- QC CDU2 and HYDY2 Unit
- **Awarded with Bravo Bronze Award for Contribution in BP: Kwinana Project.**

Title: Quasar-2 (Alcoa+ Honeywell Alliance) & Maaden Perth, Australia

Time Period: May'12-Aug-13

System: EPKS R410 (C300 & HPM)

Designation: PCS System Engineer (Onsite)

Consultant: Alcoa World Alumina (End User)

Responsibilities:

- Worked as System Engineer for testing the Prototype architecture to be deployed on 8 Refineries of Alcoa under major revamp and Maaden green field project.
- Installing and testing the Virtual Machines, Workstation, EBR, Acronis , Various Honeywell Servers test and preparing Standard Operating Document for installation and troubleshooting each node on site
- Review Standard Operating Documents created by peers and provide comments.
- Looking after the Test proposed architecture which involves Virtual Machines for Servers/ Workstation and Physical Machines latest Honeywell product suite and Virtualization of process control and production and management network, etc.
- Hands on Experience on Configuration of VM Ware ESXI Host, Vcentre Server and VSphere Client Configuration.
- Testing & Co-coordinating The Build Validation of Nodes using IBM Rational Test Management tool and troubleshoot the Issues to get Node online with No Failures
- Creating Standard node configuration file and using AUTO IT and Automated Installation tool to install Various Nodes and Software's required on node with minimum manual intervention and maintain standard installation across sites.
- Prepare SOE Documents for various Workstation, Servers and Prepare SOE Document & Configuration of Wyse Thin Client Configuration.
- Reviewing & testing the SOE Docs prepared by Team and Comment as per requirements

- Preparing BOM and designing Network and Server Cabinet for L2/L2.5/L3 and above using Honeywell/Dell/Cisco standard tools, etc.
- Configure Logic for Maaden refinery digestion & clarification using C&ID and EDMT inputs.

Title: Woodside Pluto LNG –Karratha, Australia
Time Period: Apr'11-Mar'12
System: EPKS R310 (C300)
Designation: PCS System Engineer (Onsite)
Consultant: Foster Wheeler's Worley Parsons (FWW)

Responsibilities:

- Implement Control System Changes Strategy validate the changes in Control strategy and Graphics as per Control Narrative and Changes Requests referring PEFS(P& ID) control narratives or markups as applicable.
- Modification in Sequential Control Module Logic and Control Module etc.
- Preparing new Sequential control modules and associated graphics for ETP and Analyzers.
- Coordinate with FWW and Woodside for CSCN Implementation Review and TQ's
- Raise Technical Queries to customer, Prepare Comment incorporation reports etc.
- Dynamic and static graphics modification
- Testing and commissioning control system for Utility, ETP and Process area for Pluto LNG.
- 3rd Party Devices Configuration in Quick Builder for Various third party packages.
- Preparing as Built Documents for various control system deliverables post Commissioning.
- Modify Master Engineering database as per changes during commissioning and generate cable schedule appropriately.

Title: GASCO ASAB-3 –Abu Dhabi
Time Period: Feb'11- Apr'11
System: EPKS R310 (C200/C300)
Designation: Control System Engineer (Back Office)
Consultant: Jacobs

Responsibilities:

- Prepare Typical For Loop Identified as Per Loop Information from Customer Inputs and Existing Plant Backup Study.
- Prepare Control Strategy for Unit SS# 3 and SS#6 as Per Logic Diagrams/Control Narratives and Loop Typical Identified.
- Prepare Sequence Control Strategy as per Existing Philosophy and Flow Chart Logic Diagrams for Air Dryer, Anti Surge, Dehydrator Sequences.
- Raise Technical Queries to customer, Prepare Comment incorporation reports discuss queries with customer and implement the changes

Title: Aramco Ras Tanura (RTT/RTDB-2) – Saudi Arabia
Time Period: Nov'10 – Feb'11
System: TPS (PMIO)
Designation: Control System Engineer (Back Office)
Consultant: Jacobs

Responsibilities:

- Study & Analyze Customer Inputs
- Prepare Analysis report and Remote Engineering Execution Schedule.
- Raise Technical Queries to customer, Prepare Comment incorporation reports etc.
- Prepare NMR601, NMR602 Designing Documents
- Design System and Marshalling PDB and Network Cabinet for RTT and RTDB-2 Plants.
- Detailed Designing of System Cabinet (HPM) which includes IO and IOTA/FTA Calculation and IO Placements as per Power Calculation and Project Philosophy.
- Detailed Designing of Marshalling Cabinet as per IO database information. Prepare Master Hardware Database and generate Reports for testing using MS-Access.
- Prepare System Architecture, Signal interconnection Diagram, and Instrument Loop Database.
- Select Third Party Materials (Power Supply, Terminal Blocks Switches, and converter) as per Customer Requirement and Vendor.
- Prepare Control Strategy as per control narratives

Title: OGC MIBAT - Oman
Time Period: Aug'10 – Oct'10

System: EPKS R310 (C300)
Designation: Engineer (Back Office)
Consultant: Tebodin

Responsibilities:

- Worked as Lead Engineer handled team of 2 Engineer.
- Prepare Functional Design Specification as per RFQ and Proposal.
- Prepare TPC Files for Factory ordering.
- Prepare Bill Of Material
- Prepare System Architecture
- Prepare System Marshalling and Network Cabinet GA and wiring drawings.
- Prepare Cable Schedule and other deliverables
- QC Deliverables Prepared Raise TQ's to Customer.
- Prepare and Keep Track of Execution schedule.
- **Recognition: Bravo Star Award for excellent performance for OGC Mirbat Remote Engineering**

Title: PDO Yibal, Oman
Time Period: Jul'10 – Aug'10
System: TPS to EPKS R310 (PMIO)
Designation: Control System Engineer (Back Office)
Consultant: Honeywell OMAN

Responsibilities:

- Configure Process Control Strategy for Controller -13/15 in EPKS as per existing TPS Builder and HPM Application builder site backup.
- Used control match tool to convert simple existing logic.
- Configure FF Segment and Device on FIM Modules
- Configure Control on Wire and Control on CEE Logic for FF Devices as per existing configuration
- QC and Prepare Test Records Application developed for HPM to EPKS Migration

Title: Aramco RTR to JGP Pipe Line –Saudi Aramco, Saudi Arabia
Time Period: Apr'10 – Nov'10
System: EPKS (RTR- C300 release 311 & JGP-HPM)
Consultant: Sinopec/Petrofac Arabia Ltd.
Designation: DCS Lead Engineer (Onsite)

Responsibilities:

- Worked as DCS Lead Engineer at Honeywell Front Office, HTAL Saudi Arabia
- Successfully Completed Pre FAT and FAT with End user (Aramco) and EPC (Petrocon Arabia).
- Study & Analyze Customer Inputs
- Prepare Analysis report.
- Raise Technical Queries to customer, Prepare Comment incorporation reports etc.
- Completed Site survey.
- Prepare NMR601, NMR602 Designing Documents
- Design System and Marshalling PDB and Network Cabinet for RTR and JGP Plants.
- Detailed Designing of System Cabinet (C300 and HPM) which includes IO and IOTA/FTA Calculation and IO Placements as per Power Calculation and Project Philosophy.
- Detailed Designing of Marshalling Cabinet as per IO database information. Prepare Master Hardware Database and generate Reports for testing using MS-Access.
- Prepare System Architecture, Signal interconnection Diagram, and Instrument Loop Database.
- Prepare Deliverables and delivery to customer along with transmittals.
- Attended PDR meeting with SAPMT, Saudi Aramco Operations team, Sub Vendors(GE, Invensys) and Sinopec/petrocon
- Prepare TPC files for Honeywell Factory ordering, Select Third Party Materials (Power Supply, Terminal Blocks Switches, converter) as per Customer Requirement and Vendor.
- Prepare RFQ for Marshalling Cabinet Work pack for Vendor
- Co-ordinate with Management and Procurement and Purchase team for Material Ordering and Follow-up.

- Logic Configuration for EPKS and HPM for RTR and JGP Respectively.
- Logic Implementation as Per Control Narratives and logic Diagram.
- 3rd Party Devices Configuration in Quick Builder for VMS, Triconix and Motor Protection System.
- Successfully Completed FAT and IFAT with Proponent and EPC

Title: Aramco Abu Ali –Saudi Aramco, Saudi Arabia

Time Period: Oct'09 – Mar'10

System: EPKS (C300 release 310)

Designation: DCS Engineer (Back Office)

Consultant: Carlo Gavazzi Arabia, Saudi Arabia

Responsibilities:

- Studied & analyzed customer inputs; prepared NMR601 & NMR602 Designing Documents
- Conducted detailed designing of:
 - System Cabinet which includes IO and IOTA Calculation and IO Placements as per Power Calculation and Project Philosophy.
 - Marshalling Cabinet as per IO database information. Prepare Master Hardware Database and generate Reports for testing using MS-Access.
 - Network Cabinet and Prepare FTE and Fiber Optic Cable Schedule.
 - PDB (ACDB/DCDB) Cabinets which includes PDB for Cabinets and Field Devices.
- Prepared:
 - System Architecture, Signal Interconnection Diagram and Instrument Loop Database.
 - Bill of Material for Honeywell Factory/3rd Party Material Ordering

Title: Zubair Gas - IRAQ

Time Period: Jul'09 – Oct'09

System: GE Fanuc (GE PLC 90-70)

Designation: DCS Engineer (Back Office)

Consultant: GE India, Bangalore

Responsibilities:

- Handled Team of 3 People (1 engineer,2 Technician)
- Study & Analyze Customer Inputs related to Hardware Designing & Prepare Analysis report
- Design Panel General Arrangement(Panel Construction) for Zubair, Hammer and Rafidiah Station
- Prepare Power wiring Diagram for Zubair, Hammer and Rafidiah Station
- Prepare Junction Box & Panel Wiring Drawing for Zubair, Hammer and Rafidiah Station.
- IO Allocation and Assignment.
- Prepare Comment Incorporation Reports.

Title: Borouge-2(U&O) – Abu Dhabi Polymers Limited, United Arab Emirates

Time Period: Apr'08 – Jul'09

System: EPKS (C300 release 310)

Designation: DCS Engineer (Back Office & Onsite)

Consultant: Tecnicas Reunidas, Spain

Responsibilities:

- Understood and developed strategies for newly developed Experion PKS C300 Controller which was part of Supervisory FTE (Fault Tolerant Ethernet) Network.
- Studied & analyzed customer inputs; prepared Analysis Report, raised technical queries to customer, prepared Comment Incorporation Reports, etc.
- Prepared FDS, DDS and DCI, etc. for Borouge-2 Utility and ETP and CCB Area
- Looked after detailed designing of:
 - System Cabinet (16 No) which include IO and IOTA Calculation and IO Placements as per Power Calculation and Project Philosophy.
 - Marshalling Cabinet (41 No) as per Filed Cable and IO database information. Prepare Master Hardware Database and generate Reports for testing using MS-Access.
 - IO Assignment as per System and Marshalling Design
 - Network (14 No), Server (14 No), Patch Panel (11 No) Cabinet and Prepare FTE and Fiber Optic Cable Schedule for SIS (Utilities/ETP) and CCB.
 - PDB (ACDB) Cabinets (10 No) which includes PDB for Cabinets and Field Devices.
- Prepared:
 - System Architecture, Bill of Material, Signal interconnection Diagram, Instrument Loop Database.
 - Deliverables and delivery to customer along with transmittals via FTP and email.

- Configured Points, Alarms and Trends in system.
- Successfully Completed Hardware Factory Acceptance Test at Honeywell Integration Centre, Mussfah Abu Dhabi with Customer technicians, IPMT and End User (from Jan 09 to Jun 09) Which includes Loop Testing, Controller, Server Redundancy and configuration testing Physical Layout checking and other functional testing.
- **Awarded with Bravo Peer Star Award for Contribution in Borouge-2(U&O) Project.**

Title: ZADCO. – Zakum Development Company, United Arab Emirates

Time Period: Aug'07 – Mar'08

System: EPKS (C-300 release 300)

Consultant: Honeywell Middle East, Abu Dhabi

Designation: Engineer (Back office)

Responsibilities:

- Understood existing loop drawings and prepared wiring database for platforms like NSP, SSP, WSP, PGP, WIP and GTP to prepare Instrument Loop Drawing for modification of DCS System at these stations
- Prepared intermediate deliverable for DCS Logic Implementation which involved code conversion of Modicon PLC to C300 for NSP Train-A/B/C Sequencer and SSP Train-A/B/C Sequence

Academics

2013 **PGDBA (Operation Management)** from Symbiosis Centre for Distance Learning; 61.65 %; 1st Class

2007 **BE (Instrumentation & Control)** from NDMVPS's College of Engineering (University of Pune); 72.47%
1st Class with Distinction

2002 HSC from KTHM College, Nashik; 66.66 % with 1st Division

2000 S.S.C. from Maratha High School, Nashik with 69.13% with 1st Division

Extramural Engagements & Other Accolades

- ⇒ Holds the merit of securing 1st prize for paper on "Adaptive Neuro Fuzzy Inference System For Induction Motor Control" at Godavari College of Engineering (State Level Competition), Jalgaon in the year 2005
- ⇒ Was a Finalist in
 - ROBOTICS Competition at "Pune Institute of Engineering & Technology (COEP)" Pune in the year 2005
 - Circuit Designing Contest "MUGDHA" in concepts 06 At "Pune institute of computer technology", Pune in the year 2006
- ⇒ Merit of winning:
 - Best Seminar College Level for Topic "Nanotubes & Application" Award for the year 2005-2006 by ICONS, NDMVPS'S COE Nashik
 - 2nd Prize in CONCEPTS 07 Final year National Level Project Competition organized by IEEE student chapter at "Pune Institute of Computer Technology", Pune in the year 2007
- ⇒ Was nominated as Sports Secretary of N.D.M.V.P.S's College of Engineering for year 2005-06
- ⇒ Actively served as Secretary ISTE Student Chapter N.D.M.V.P.S's College of Engineering

Personal Details

Date of Birth: 2nd February 1985

Languages Known: English, Hindi & Marathi