RESUME



AMRUT G PATEL
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- A highly motivated and qualified Technical Specialist-Project for Control Systems with 10 years of experience in commissioning, engineering support, project management/facilities improvement, and maintenance of DCS.

CORE COMPETENCIES

- Process Automation
- Project Handling & Co-ordination.
- Logic Generation and Debugging.
- OT Cybersecurity.
- Installation &Commissioning
- Integration Engineering

DCS/PLC Platform

- ABB 800xA and Foxboro DCS FCP270/280
- IA 8.6, Control Core services 9.0 to 9.5
- Foxboro Control software 6.0 to 7.2.1
- Wonderware historian 11.0 & AIM*AT
- IACC/Archestra, Fox view/Fox draw

EDUCATION DETAILS

- 2010-B.E. (Electronics & Telecommunication Engineering) from North Maharashtra University, Jalgaon, Maharashtra.
- 2005-HSC Passed from Nashik Divisional Board, Nashik, Maharashtra.
- 2003-SSC Passed from Nashik Divisional Board, Nashik, Maharashtra.

PROFILE SUMMARY – 10 yrs. Experience

- Currently working in ABB Global, Bengaluru, India as Technical Specialist-Project.
- Hands on Designs, configuration and execution on networking and computer devices
- Experience of Programming and Configuration of FOXBORO I/ A, IEE, FCS Series DCS.
- Hands on experience of HMI graphic development & online validation of logic.
- Hands-on experience of device configuration like Foundation field and HART.
- Establish Serial communication/Interface with third party system over Modbus, OPC, and ethernet TCP.
- Specialized in Secured DCS (Foxboro IA series Version 9.X), Engineering, Design, application development, and commissioning of Large Scale I/O projects.
- Specialized in Cyber Security System Host-based and Network-Based implementation of Cyber Security in DCS.
- Knowledge of project related documentation (FDS, System Architecture, BOM, FAT & SAT Procedure, etc.).
- Software installations in Server & workstations.
- Commissioning & Troubleshooting Support.
- On-Site Modification of logics and graphics as per customer requirement.
- Conversion of the database from IACC to FCS.
- Participating Factory Acceptance Test (FAT), Site Acceptance Test (SAT), commissionand start-up activities, Installation, and commission of system.
- Prototype development and implementation.
- Powerplant Process knowledge.
- Hands on experience of Networking like Switch configuration, Firewall configuration
- McAfee antivirus ePO management & patch management.
- Resource Planning & Scheduling.
- Remote Site Support.
- Hands on experience of System Architecture.
- Project Lead in Upgradation Project.
- Technical Support to Proposal team.
- Major Project Commissioned- Reliance Petro complex (J3), NTPC & Adani Power.
- Strong analytical, problem solving and client relationship management abilities.

Training:

- Foxboro software and Mcafee Administration, Location: United state
- Cybersecurity Fundamental Specialist, Location -Virtual
- ABB800xA software installation and Administration, Location: Virtual

Internal

Professional Experience

Company: ABB GISPL Limited

1) Project: Petronas Digital Limited, Malaysia.
Period: 05th July 2021 to Till.
Role: Lead Engineer
Responsibilities:

- Hands on Domain controller installation and active directory configuration.
- Hands on experience on McAfee ePO software installation and deployment on domain client machines.
- Designing of the Cybersecurity system architecture.
- Low Level Design engineering document preparation.
- Vendor document list preparation.
- ABB 800xA Engineering and Workstation Configurations & Deployments

Company: Schneider electric System India Pvt Ltd.

1) Project Title: Adani Power Limited
Period: April 2019 to June 2021
Role: Lead Engineer
Responsibilities:

- Designing of the DCS upgradation system architecture.
- Database conversion IACC to FCS.
- Project Document preparation like Method statement, FAT &SAT.
- Configuration of Mesh network, Plant Information network Extreme X series switches, Net sight software
- Configuration of Domain-based Cybersecurity systems.
- OPC DA and HAD connectivity by using AIM*OPC Server
- Installation and Configuration AIM*AT Historian and IA Report Package.
- Switch Configuration by using SCAS software, VLAN configuration, LPA etc.
- Hands-on experience of GPS receiver installation and configuration by NTP method.
- Configuration of Symantec backup and Recovery systems
- Project Material Ordering.
- Hands on PRE-FAT preparation like Device alarm config, CSA config, Annunciator keyboard graphics navigation config, NTP Config etc.
- System Advisor (System auditor) software configuration and demonstration on 60 FCPs
- Resource Planning.
- Weekly Project meeting & report to TM/PM.
- Site execution
- Preparation of FAT Procedures, SAT Procedures.
- Successful CSA & Network merge

2) Project Title: J3 Program Reliance Industries Limited
Client: Reliance Industries Limited
EPC: RIL PMT
Period: Jan 2015 to Mar 2019
Role: Senior System Engineer
Responsibilities:

- Hands on experience of logic development & modification.
- Graphics Development & validation.
- Hands on experience of Foxboro DCS hardware installation (FCP270 & FCP280) & communication.
- Wonderware historian installation & configuration.
- FAT Participation, System Installation, Switch configuration, Network Management.
- Prepared Function Design Specification of Cybersecurity and common servers.
- Installation and configuration of Virtualization servers(V90).
- Configuration of Foundation Fieldbus and HART devices.
- Configuration of Mesh network, Plant Information network Extreme X series switches, Net sight software
- Configuration of Domain-based Cybersecurity systems
- Configuration of Control HMI Managed applications.
- OPC DA and HAD connectivity.
- Configuration of Symantec backup and Recovery systems
- Configuration of Cisco ASA Series Firewalls.

- Preparation of FAT Procedures, SAT Procedures,
- Configuration of Cisco ASA Series Firewalls.
- Preparation of FAT Procedures, SAT Procedures,
- Site Commissioning–
- System installations of servers and workstations. Configuration of a mesh network with LPA policy.
- Managed integration of Plant interface building into MESH Network. Conducted Site Commissioning activities such as:
    - ✓ Configuring Plant Information Network
    - ✓ Third-Party Serial Interface with DCS
    - ✓ Analyzing KVM testing and connections
    - ✓ Synchronizing GPS time of all workstations in the whole refinery network using NTP.
    - ✓ OPC interface with DCS systems

Company Name: Invensys India Pvt Ltd (July 2011to 31st Aug 2014 through Third Party Contract)
Project Title: National Thermal Power Limited.
Client: National Thermal Power Corporation Limited.
Period: Jan 2012 to 31st Aug 2014.
Role: Trainee Engineer
Responsibilities:

- System Installation & set up as per Network Architecture of the Foxboro IA system.
- Static & Dynamic Graphics/Overlays preparation in Fox View & Fox Draw.
- Loop Checking.
- BOM verification.
- Hardware Checking.
- CHP & AHP Application Testing
- Wonderware Historian Installation and Configuration
- Successful hardware FAT with NTPC customer.
- Site Support & Commissioning activities at NTPC site like
    - ➢ System Setup, Erection of DCS panels as per layout
    - ➢ Analog & Digital I/ O Verification.
    - ➢ Drive Protection Interlock checking
    - ➢ PG testing.
    - ➢ Successful Completion of SAT.

Project Title: RIL MCT
Client: Reliance Industries Limited
Role: Senior Engineer
Responsibilities:

- System Architecture Design for RILMCT.
- Function Design Specification of Cybersecurity.
- Port Mirror of extreme switches.

Project Title: DCS Remote connectivity
Client: Bharat Petroleum Corporation Limited
Role: Senior Engineer

Responsibilities:

- DCS Software installation & configuration of Remote.
- Webserver configuration & SCADA software configuration.
- Customer demonstratio

Declaration

I hereby agree for my personal data, included in my job application, to be processed in line with the needs of recruitment, in accordance with the law on Personal Data Protection of 29th August 1997
(Law Gazette from 2002, No.101, heading 926, as amended)

Yours Sincerely **Place**

Amrut Patel Mumbai, India

Internal