Venkatesh kanna J 

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**+91 9791992655**

Professional experience:

Technically accomplished & competent professional DCS Engineer with 5+ years of rich experience in DeltaV DCS (Instrumentation and Control) configuration, Commissioning, operations, Maintenance, troubleshooting & stabilization

LAST employer

Working as an Employer in a field of DCS Engineer Trainee at Excel Automation Solutions Chennai during

**Jan2011 – Aug 2014**

Automation exposure **PLCs:** Siemens (S7- 300, S7-1200), Allen Bradely, GE Fanuc, Delta,

 Omron, Mitsubishi, Keyence

   **SCADA:** Invensys, Intellution Fix32, King View Application & Development.

**Process Instrumentation:** RTDS, Thermocouples, Level Sensor, Flow sensor, Proximity Sensors, Relays,

**HMI:** Creating Applications, Downloading / Uploading Program, Communication with PLC.

**DCS:** Emerson DeltaV, Honeywell Experion

 VFD brands: Omron, Delta, Mitsubishi

 Programming Language: Ladder, SFC, FBD

Project Details:

**MY ROLE**:

**Position : DCS Engineer Trainee**

**Project name :**VAP (Value Added Plant), ONGC (Oil and Natural Gas Corporation), Kutalam, Karaikal, India

**Duration :** (jan2011 – March 2012)

* Prepare Front End Engineering Design for DeltaV DCS, like FDS, DDS, and Philosophy
* Hardware/Software design documents For DeltaV DCS and SIS
* Hands on experience in DeltaV DCS and Applications Engineering
* Preparations of DeltaV DCS I/O List
* Logics development based on control philosophy
* Hands on Experience in DeltaV SIS (SLS 1508) Safety Instrumented System

**Position : DCS Engineer**

**Project name :**Clean Fuel Project, HPCL (Hindustan Petroleum Corporation Ltd), Visakapattnam,India

 **Duration :** (March 2012 – Jan 2013)

* Prepare Front End Engineering Design for DeltaV DCS, like FDS, DDS, and Philosophy
* Hardware/Software design documents For DeltaV DCS and SIS
* Hands on experience in DeltaV DCS and Applications Engineering
* Preparations of DeltaV DCS I/O List
* Responsible for Installation, Startup, Testing, Commissioning & Maintenance of DeltaV DCS and DeltaV SIS
* Hands on experience in detailed engineering activities. Generating typical graphic elements, analyzing P&ID and assigning Animation to required components on the mimics, generating and testing Dynamo displays, trending and alarm configuration in DeltaV DCS
* Logics development based on control philosophy
* Hands on Experience in DeltaV SIS (SLS 1508) Safety Instrumented System
* Controller & IO Carriers inspection, Wirings & Termination Inspection, Network Interconnection & Testing

**Position : Control & System Engineer (DeltaV DCS)**

**Project name :**Bhavini Atomic Power Station, Kalpakkam, Tamilnadu.

**Duration :** (Jan 2014 – Present)

* Prepare Front End Engineering Design for DeltaV DCS, like FDS, DDS, and Philosophy
* Hardware/Software design documents For DeltaV DCS and SIS
* Hands on experience in DeltaV DCS and Applications Engineering
* Preparations of DeltaV DCS I/O List
* Responsible for Installation, Startup, Testing, Commissioning & Maintenance of DeltaV DCS and DeltaV SIS
* Hands on experience in windows XP, Server2003 and Vista operating systems
* Experience in DeltaV DCS Up gradation
* Prepare project schedule and manage the team of System engineers
* Hands on experience in detailed engineering activities.Generating typical graphic elements, analyzing P&ID and assigning Animation to required components on the mimics, generating and testing Dynamo displays, trending and alarm configuration in DeltaV DCS
* Hands on experience in HART Protocol and HART Devices
* Conducting DCS Software/Hardware Systems Factory Acceptance Test (FAT) - Control Narratives, Functional logics and System Integration Test with other System vendors
* Logics development based on control philosophy
* Hands on Experience in DeltaV SIS (SLS 1508) Safety Instrumented System
* Controller & IO Carriers inspection, Wirings & Termination Inspection, Network Interconnection & Testing
* Hands on experience in third party communication (Metering Skid,LEL Panels, Flow Computers , HMI ,Etc )
* Dynamo displays create as per client requirement
* Trouble shooting in DeltaV DCS software & hardware problems
* Hands on experience in DeltaV web servers
* Responsible for Software Engineering & Configuration of DeltaV Digital Control Systems:-Programming & Engineering of Process Control Logics using IEC 61131 Function Blocks Diagrams and Sequential Function Charts (SFC)
* Conducting DCS Hardware Systems Factory Acceptance Test (FAT) - Cabinets Inspection, Controllers & Power Supplies redundant test, IO Cards channel testing

**Responsibilities:**

* + - Preparing Daily Work Schedule for a team having 20 members..
		- Updating P&ID according to client meeting
		- Installation of Instruments according to P&ID..
		- Logic Testing & coordination for logic & SCADA with Vendor.
		- Installation Of fire Alarm system.
		- Coordination for testing of fire alarm system.
		- Integration of PLC with DCS..
		- Troubleshooting

**Summary of skills:**

* Responsible for Installation, Startup, Testing, Commissioning & Maintenance of DeltaV DCS and DeltaV SIS.
* Prepare Front End Engineering Design for DeltaV DCS, like FDS, DDS, and Philosophy.
* Hardware/Software design documents For DeltaV DCS and SIS.
* Prepare project schedule and manage the team of System engineers.
* Responsible for Software Engineering & Configuration of DeltaV Digital Control Systems:-Programming & Engineering of Process Control Logics using IEC 61131 Function Blocks Diagrams and Sequential Function Charts (SFC).
* System Integration of Real-Time process information using OPC (OLE for Process Control) and MODBUS Protocol from DeltaV DCS and non-DeltaV DCS.
* Sytech Report Generation Software based on customer's functional specification and project documentations.
* Conducting DCS Software/Hardware Systems Factory Acceptance Test (FAT) - Control Narratives, Functional logics and System Integration Test with other System vendors.
* Conducting DCS Hardware Systems Factory Acceptance Test (FAT) - Cabinets Inspection, Controllers & Power Supplies redundant test, IO Cards channel testing,
Controller & IO Carriers inspection, Wirings & Termination Inspection, Network Interconnection & Testing.
* Hands on experience in DeltaV DCS version 9.3, 10.3 & 11.3.
* Hands on experience in DeltaV DCS and Applications Engineering.
* Hands on experience in Foundation Field bus (FF) and Field devices.
* Hands on Experience in DeltaV SIS (SLS 1508) Safety Instrumented System.
* Hands on experience in Field bus segment design using segment design tool.
* Hands on experience in HART Protocol and HART Devices.
* Hands on experience in Modbus and Profibus communications.
* Trouble shooting in DeltaV DCS software & hardware problems.
* Hands on experience in DeltaV web servers.
* Implementation of process change requests for Hardware / Software changes.

Previous employer

1 .BLUE CHIP TECHNOLOGY, NAGERKOVIL (JULY 2009 – DEC 2010)

MY ROLE: Designing in Electrical & Electronics Projects

Projects Handled: 1.Gps&GsmBasedCollisionAvoidanceSysteminRailways.

MANPOWER MANAGEMENT

* Adroit planning & scheduling shifts in accordance with the requirements and needs to ensure on time completion.
* Taking adequate feedback and implementing the same as well as recording the changes brought in.

ACADEMIC CREDENTIALS

BE (Bachelor Electronics & communication engineering) from Roever Engineering College, Perambalur, (2005-2009) with aggregate percentage – 67%

HSC from Nadar Hr. Sec. School, Kovilpatti, (2003- 2005) with aggregate percentage – 80%

SSLC from A.v.higher sec.School, Kovilpatti. (March 2003) with aggregate percentage – 78%

PERSONAL DOSSIER

Father’s Name : R.Jeganathan

Date of Birth : 21.07.1988

Sex : Male

Nationality : Indian

Religion : Hindu

Marital Status : Single

 Language knows : Tamil, English, Telugu (Speak Only),

 Present Address : **6/181A, Srinivasa Nagar,Kovilpatti-628502Tuticorin (Dist.)**

 Blood group : o+ve

 Passport no. : H9180359

 Passport renewable date : 09-03-2020

**DECLARATION:**

I hereby declare that all the information’s furnished above are true to the best of my knowledge. If you suggest me to your esteemed concern, I will discharge my duty to the entire satisfaction of the concern.

PLACE: Yours sincerely

DATE: (J.Venkatesh kanna)

REFERENCE

VENKATESH SELVARAJ

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