

VIJAY SHANKAR MISHRA

Mobile: +91 – 7838293936

E-Mail: vijaymisra002@gmail.com

DOB: -15 AUG 1994(Indian)

**Project Management ~ Application Engineer ~ Electrical & Automation Engineer
~ Plant Maintenance**

Synopsis:-

- **Dynamic professional with 4.8 years of rich & valuable experience in Industrial Automation and Electrical Engineering, Terminal Automation System (PLC, DCS Programming & SCADA designing), Project Engineering and Application Engineering with knowledge of all communication protocols (Rs-232, Rs-485, Profibus, Ethernet, serial, etc).**
- **Currently working as Assistant Manager Engineering with M/s Willstrong Solution Pvt Ltd since Oct-2017**
- **Current previous company is M/s ADANI SOLAR(MSPVL), worked Gujarat as a Senior Engineer.**
- **Previously worked with ICON CONTROLS Pvt. Ltd. Delhi as a Project Engineer (Automation, oil & gas) from September 2014 to February 2017**
- **I also worked with Niswa Engineering Solutions (formerly known as Rapid Control Systems) Ghaziabad from November - 2013 to Aug-2014)**
- **Actively engage in Oil & Gas, Power, Cement, Steel and water industry.**
- **Team player with effective relationship building with great interpersonal skills.**
- **Looking for a challenging career which demands the best of my professional ability in terms of technical and analytical skills and helps me in broadening and enhancing my current skill and knowledge.**

Work Experience-ADANI SOLAR (MSPVL), GUJARAT (Feb 2017 to Oct 2017)

Key Service Areas of The Company

Solar Module & Solar Cell Manufacturing Plant with capacity of 1200 MW located at Mundra, Gujarat.

Key Responsibilities:

As a Senior Engineer

- **Responsible for Programming, commissioning & troubleshooting of PLC & DCS.**
Siemens PLC (S7-200 & S7-300)
Omron PLC (CS, CJ Series at CX developer)
Mitsubishi PLC (FX Series, Q Series at GX developer platform)
- **Responsible for Programming, designing and commissioning of SCADA & HMI.**
Proface HMI, Delta HMI, Siemens HMI
- **Responsible for Programming, & Troubleshooting of PLC, Stringer, Laminator, Framing Machine, Automation, HMI & SCADA**
- **Responsible for operation and minimize error and breakdown.**
- **Responsible for implementation of new ideas, up-gradation of plant & implementation of new fundamentals to improve production and minimize human error.**
- **Responsible for root cause analysis of plant automation error and solution of the same.**

Work Experience -ICON CONTROLS PVT LTD,DELHI (Sep2014 to Feb 2017)

Key Service Areas of The Company

Turnkey Automation Solution, Turnkey Electrical Solution, Turnkey Instrumentation Solution, System Integration, Detail Engineering, System Integrator of ABB INDIA.

Key Responsibilities:

As an Application & Project Engineer

- Responsible for Programming, commissioning & troubleshooting of PLC, DCS & Safety PLC.
ABB PLC (AC800 Series) & Safety PLC/DCS (ABB 800xa)
Siemens PLC (S7-200 & S7-300)
Omron PLC (CS, CJ Series at CX developer)
Delta PLC (DVP-20PM Series, DVP-10PM Series, DVP-ES2/EX2 Series)
Mitsubishi PLC (FX Series, Q Series at GX developer platform)
Rockwell PLC (1000, 1100, 1200)
- Responsible for Programming, designing and commissioning of SCADA & HMI.
ABB SCADA (Compact HMI)
Proface HMI, Delta HMI (DOP Series), Siemens HMI
- Installation & Commissioning Of Batch Controllers & MOV's.
- Responsible for coding, Programming, Testing & Troubleshooting of .NET, PLC & SCADA for TAS.
- Commissioning and programming of Pressure transmitters (ABB Make), Mass flow meter (E&H Make)
- Communication With Batch Controller & Sentry Card Readers For TAS (Oil & Gas)
- Worked on **IOCL Project** located at **PANIPAT (TAS), AMBALA & REWARI (SAFETY PLC)**.
- Responsible for arrangement of FAT, SAT etc.

Responsibilities for IOCL Panipat, Bitumen Loading Terminal, Haryana.

- Programming of PLC AC800 (ABB Make) & Troubleshooting.
- Programming of SCADA (Compact HMI ABB 5.1).
- Programming & Commissioning of Batch Controllers (GE Make, Smartload DL6000).
- Commissioning and programming of PT & TT (ABB Make), Mass flow meter (E&H Make & Emerson Make), Digital Control Valve (Daniel Make) & MOV's (Rotork Make).
- Communication of Batch Controller with Sentry Card Readers & LPBS for TAS-SERVER.
- Responsible for arrangement of FAT, SAT etc.

Responsibilities for IOCL Rewari Terminal, Haryana.

- Programming of Safety PLC AC800, Troubleshooting.
- Programming of SCADA (Compact HMI ABB 5.1).
- Commissioning of DBBV's (AUMA Make, MODBUS Protocol), RSOV's (Rotork Make, Hardwired).
- Commissioning and programming of Pressure transmitters (ABB Make), Mass flow meter (E&H Make).
- Responsible for arrangement of FAT, SAT etc.

Responsibilities for IOCL Ambala Terminal, Haryana.

- Programming of Safety PLC AC800, Troubleshooting.
- Programming of SCADA (Compact HMI ABB 5.1).
- Commissioning of DBBV's (AUMA Make, MODBUS Protocol), RSOV's (Rotork Make, Hardwired).
- Commissioning and programming of Pressure transmitters (ABB Make), Mass flow meter (E&H Make).
- Responsible for arrangement of FAT, SAT etc.

Responsibilities for Indane Bottling Plant, Guda, Karnal, Haryana.

- Programming of PLC AC800 & Troubleshooting.
- Programming of SCADA (Compact HMI ABB 5.1).
- Commissioning and programming of Pressure transmitters (Emerson Make), Mass flow meter (Emerson Make), Temperature Transmitters (ABB Make).

Working Experience- Niswa Engg. Solutions (formerly known as Rapid Control Systems) (Dec 2013- Aug 2014)

- Worked as an automation Engineer.
 - Working and programming on PLC, HMI, AC Drive (VFD) and Servo Drives.
 - **Having experience of commissioning of Packaging machine, Printing machine, Crane, Pump, Compressor and Lift applications.**
 - **PLC** - Fanuc, Delta, Fuji Electric, Allen Bradley
 - **HMI** - Delta, Fuji Electric.
 - **VFD** - Fuji Electric, Emerson. **SERVO DRIVE** - Fuji Electric.
- Projects Commissioned:**
- 1) **U-Flex Ltd (Noida) :-** Installation & commissioning of **Fuji Make PLC** (programming of PLC) and **Parker Make Drive** (Programming, FBD development & commissioning) & **Fuji Make HMI on Printing & packaging machines.**
 - 2) **Shakti Bhog (Greater Noida) :-** Installation & commissioning of Drive, programming of PLC (Rockwell Make 1100 model) with **Fuji Make HMI on packaging machine..**
 - 3) **Century Papers Ltd (Rudrapur, U.K.) :-** Installation & commissioning of Drive (Fuji Make) with existing PLC (Siemens Make 200 model) on paper rolling machine.

Training:-

AUTOMATION TRAINING AT SOFCON INDIA PVT LTD (Aug-2013 to Nov-2013)

- **Auto Cad** designing 2D.
- **Process Instrumentation:** RTDs, Thermocouples, Level Sensor, Flow sensor, Proximity Sensors,
- **Motors/ Starters/ Control Circuits:** Induction Motors, Torque/ Speed characteristics, Star Delta Starters, DOL Starters, Reversing starters, interlocking circuits
- **PLCs:** (Micrologix1000, 1100, 1200, SLC-503, Siemens-200, 300) Ladder & Logic Development Wiring & Troubleshooting.
- **SCADA:** Wonderware's In touch, RS View, Application & Development.
- **VFD:** Knowledge of Programming, its Variable speed & Torque Characteristics, Energy saving concepts.
- **HMI (panel View 300 Micro):** Creating Applications, Downloading / Uploading Program, Communication with PLC.

- **Basic knowledge of panel design:** contractor sizing, load calculation, bus-bar sizing, panel protection etc.
.Relays, Contactors, Thermal overload relays.

Skills:-

Key skills

Software Programming & Testing
Technical Training & Support.
Installation, Commissioning & Service support
Process Instruments Calibration &
configuration.
Drive Programming.
DCS Programming.
Design Engineering
HMI Designing/Programming
Costing

Soft skills

MS OFFICE
ASP.NET
PLC Programming (Ladder & FBD)
SCADA Designing/Programming
Windows and Internet application
Safety PLC Programming (ABB Make)
Project Management
Project Engineering
Maintenance Procurement

Educational Credentials:-

B. Tech. In "Electrical Engineering" from "United College of Engineering & Research", Allahabad,
Affiliated to **GBTU, Lucknow** in **2013**. Secured **68.8 %**.

Class 12th from S.N. Inter College Allahabad (U.P Board) in 2009. Secured 64.00%.

Class 10th from S.N. Inter College Allahabad (U.P Board) in 2007. Secured 61.00%.

Declaration:-

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Place: Delhi, India

Name: - Vijay Shankar Mishra

Date: - 12.09.2018