

[CURRICULUM VITAE]

UDAY PRATAP SINGH

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Total Job Experience: 6.4 years.

JOB OBJECTIVE

Seeking a position in "Industrial Automation and Instrumentation" Field to utilize my skills and abilities in Industrial Automation which offers professional growth as well as innovative environment.

COMPETENCIES

- Problem solving abilities, willingness to learn, Creativity at work and excellent co-ordination and presentation skills.
- Ability to take responsibility on the shoulders, open to new ideas and I want to play the crucial role in long term Brand-building and Overall growth of a company.

WORKING EXPERIENCE

➤ **Period:** 30 May 2005 -30 May 2006 (1 Year)

Previous Company : Electro creators Networking & Solution (NAGPUR)
Post : Service Engineer.
Reason of leaving : higher study.
Nature of job : 1) wireless instillation
2) Installation of EPABX,
3) Sales, servicing: - FAX machine, PROJECTOR, CORDELESS etc.

➤ **Period:** 1 Nov 2009 to 30 July 2010 (9 Months)

Previous Company : Sulaxmi Technologies (Mumbai)
Post : Trainee Project Engineer
Reason of leaving : Completion of project contract.
Nature of job : PLC, SCADA/HMI, AC DRIVE: - Programming, Installation, Validation, Documentation, SCADA project designing, Tag Generation, drive Parameter Selection, Installation & Commissioning.

➤ **Period:** 6 August 2010 to 10 January 2013 (2 Year 6 months)

Previous Company : Ardee Technologies Pvt. Ltd (Rourkela) ODISHA -India
Post : Automation Engineer
Reason of leaving : Better opportunity for working in large scale automation system & Instrumentation.
Nature of job : PLC, SCADA/HMI, AC DRIVE: - Programming, Installation, Validation, Documentation, SCADA project designing, Tag Generation, drive Parameter Selection, Installation & Commissioning.
Instruments: Heraeus Electro Nite instruments used in Steel plants.

➤ **Period:** 10 January 2013 to tile date

Presently I am working with M/S **IDMC Ltd (Anand) GUJRAT –INDIA** as an Engineer in Instrumentation & Automation Project dept.

Company Profile:

Business Type : Exporter / Service Provider / Manufacturer / Supplier
Year Established : 1979

Products Exporter, Supplier and Manufacturer: Dairy plants, dairy machinery, continuous pasteurizer, bulk milk Cooler, ice cream freezer, cup filling machine, milk storage tanks, road milk tanker

Services : Repairing & maintenance services of dairy, bulk milk cooler, pharmaceutical & Biotech, brewery & beverages, refrigeration

Functionality of Project execution Dept.:

- Consulting services.
- Tendering – Offer development.
- Project Designing.
- Automation project execution and management.
- Engineering, testing, commissioning.
- Project documentations.
- Engineering Services.
- Annual Maintenance.
- Customer support and training.

Job Profile:

- Conducting kick off meetings, holding technical discussions with customers for understanding customer requirement and giving the final shape of FDS(Functional design and specification)
- Identifying standard components like instruments, motors, valves, control loops etc. from P&ID's and generating Input and Outputs (points) for each of these components and Preparation of I/O list and getting approvals from customer.
- Preparation of engineering drawings viz. Panel GA drawings, Power Distribution and I/O Drawings, Control schematics etc.
- Customization and development of MMI, HMI and SCADA software's i.e. Color graphics, trending, data logging etc.
- Preparation of Ladder Logic and getting approvals from customer.
- Documenting the Basic Engineering Designs Database, Graphic & Logic Designs and getting approvals from the customer.
- **Conducting FAT:** Integrated testing of database, graphics and logic under simulated conditions.
- Independently commissioning the instrument, PLC, Drive and SCADA system at site.
- Conducting SAT and Handing over.

EXPOSURES

- **Panel Design:** PCC Panel, MCC, PLC, VFD, Servo pack and Panel wiring testing and commissioning.
- **DCS & PLC System:** Working with ALLEN-BRADLEY, SCHNEIDER, ABB, SIEMENS, OMRON, Delta (WPL Soft) make PLC with its configuration software and used in all projects. RSLOGIX 5000 STANDARD & PCS-7.
- **SCADA Software:** Wonderware Intouch, IFIX, WINCC Flexible, RSView 32 & FactoryTalk View Studio.
- **HMI/MMI system:** Pro-face, ABB HMI, SIEMENS HMI, DELTA HMI & ALLEN-BRADLEY HMI.
- **A.C DRIVE:** ABB, DENFORS, ALLEN-BRADLEY, SIEMENS
- **A.C SERVO PACK:** Yaskawa A.C Servo pack (Sigma 5 & 2)
- **ASI :** ASI Valves, ASI Master & Configuration.
- **Communication Protocols:** Modbus, RS-232 serial communication, Ethernet (star & ring Topology), Profinet, Devise net & profibus.
- **INSTRUMENTS:** E&H, SIEMENS, Radix, Emerson, Anderson-Negele, Heraeus Electro Nite make instrument of level, conductivity, Temperature, Pressure etc.

LIST OF PROJECTS

Sr. No	Projects	Customer	PLC/SCADA/ DRIVE/SERVO System	Application
1	6 LLPD Automated Dairy Plant	AMUL DAIRY ROHTAK	PCS-7 & WINCC Flexible	Dairy with Product
2	Refrigeration project	AMUL DAIRY ROHTAK	PCS-7 & WINCC Flexible	Refrigeration of Dairy Product
3	3 LLPD Automated Dairy Plant	MOTHER DAIRY ETAWAH	RSLOGIX 5000 & FactoryTalk	Dairy with Product
4	Refrigeration project	MOTHER DAIRY ETAWAH	RSLOGIX 5000 & FactoryTalk	Refrigeration of Dairy Product
5	Automation of quik-tap manulator	TATA STEEL Ltd (LD#1)	I/O-60, Tag-100 & Heraeus electro-nite Multilab-III	Used for Feeding special type of sensor and taking reading of TEMPURATURE, OXYGEN & CARBON Content in vessel or converter.
6	Automation of 4 – strand wire feeding machine	TATA STEEL Ltd (LD#2)	I/O-100, Tag-90, HMI & Drive-40KW	Used for Feeding 6-13mm CORED WIRE in ladle at different speed (0-300mtr/min) & length (0-999mtr). This machine is used in secondary steel making process for deoxidizing process.
7	Automation of 2 - strand wire feeding machine	TATA STEEL Ltd, ROURKELA, SALEM,BOKARO , BHILAI STEEL PLANTS.	I/O-80, Tag-60, HMI & Drive-30KW	Used for Feeding 6-13mm CORED WIRE in ladle at different speed (0-300mtr/min) & length (0-999mtr). This machine is used in secondary steel making process for deoxidizing process
8	Automation of auto tube winding machine	Joyti paper product Pvt. Ltd.	I/O-60, Touch panel, Drive-7.5KW, Servo -5KW	Using this Machine Gray board paper is rolled and make it in tube form of length 600-1800mm is manufactured. Tube is used for making TC, Cellox, Sampler and Hydriis. These accessories used for temperature, active oxygen, hydrogen, carbon measurements & sampling in ferrous & non-ferrous melts. Which is used in all steel Manufacturing plant.
9	Automation of high speed cored wire mill	In house project of different cored wire division units.	I/O-150 Tag-130 Drive-250KW	Used for manufacturing 6-13mm CORED WIRE of different combination of filler materials (CaAlFe, CaSi, and Cafe etc.). This cored wire is used in all steel plants
10	Automation of belt feeding system	In house R & D Project	ITALIA Pavone Sistemi instrument	Using this system we can calculate the fill rate & individual material weight in each multiple belts.
11	WEIGHING SYSTEM	In house	2, 8 &100MT ITALIA Pavone Sistemi Elect.	For weighing materials.
12	Automation of FILTRATION SYSTEM	Pune wala group of industries	I/O-200 & Tag-150	Using this project filtration is done by stem, water and air. This is used in pharmaceutical plants.
13	Automation of develar	In house	I/O-100, Tag-90 & Drive-40KW	Used for manufacturing filler materials Al (Aluminum). For manufacturing CORED WIRE.
14	Automation of GRANULATOR	In house	I/O-100, Tag-90& Drive-50KW	Used for manufacturing filler materials Al (Aluminum). For manufacturing CORED WIRE.
15	Automation of JACKRING MILL	In house	I/O-100,Tag-90 & Drive-200KW	Used for manufacturing filler materials Al (Aluminum). For manufacturing CORED WIRE.

TECHNICAL QUALIFICATION

ADVANCED DIPLOMA IN INDUSTRIAL AUTOMATION & CONTROL

Name & place of institute: - SULAXMI TECHNOLOGIES. VASAI (W) (Mumbai)

Duration: - 6 months

EDUCATIONAL QUALIFICATION

Sr.No.	Examination	Institution/Board	Year of Passing
1	B.E in Electronics and Communication Engg.	R.T.M Nagpur University, Nagpur, Maharastra, India.	2009
2	DIPLOMA in Electronics and Communication Engineering	M.S.B.T.E Nagpur	2005
3	Matriculation	C.B.S.E	1999

PERSONAL DETAILS

Name: - UDAY PRATAP SINGH

Father's name: - BIRENDRA SINGH

Date of Birth: - 14-08-1982.

Gender: - Male

Nationality: - Indian.

Language: - English, Hindi.

Marital Status : - Married

Current Address: - C/O Girish bhatt, 10, Madhuvan society vv nagar Anand Gujrat, Pin –388120

Permanent Address: - S/o Birendra Singh, Uday pratap singh, Village – Sondh, P.O – Sandi, P.S – Rajrappa Project, Dist – Ramgarh, State – Jharkhand, Pin – 825101

I hereby declare that the above mentioned information is correct and is affixed with valid documents and I bear the responsibility if any information/document is found fake.

PLACE: - ANAND (GUJRAT)

DATE: - 26/02/15