

CURRICULUM VITAE

Rajat Pandey

B.tech (Instrumentation)

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OBJECTIVE

- To work in challenging atmosphere that gives me an opportunity to learn and growth & where I can apply my skills and knowledge to be able to make a significant contribution towards the goals of the organization.

PROFESSIONAL QUALIFICATION

Degree/Course	School/College	University/Board	Year	Percentage
B.Tech (Electronics & Instrumentation Engineering)	SRMCEM, Lucknow	UPTU, Lucknow	2010-2014	69.8%

WORK EXPERIENCE

Company	Saint-Gobain India Limited
Duration	26 th MARCH 2019-Till date
Description	<ul style="list-style-type: none">• Working as Instrumentation Engineer.
Responsibilities & Industrial Exposure	<ul style="list-style-type: none">• To maintain spares for smooth running of plant.• Minimize equipment breakdown by enforcing schedule maintenance & process reliability activities.• To Ensure Risk assessment and tool box talk prior to any job execution.• To Supervise and follow implementation of safety procedures and processes in the field.• Working on Siemens Drive• Having brief exposure to Siemens S7 300/400 PLC system.• Having brief exposure to ABB DCS.• Maintaining safety and reliability of the plant.• Review of SOPs and SMPs.• Attending daily and weekly planning meeting.• Follow the PM schedule.• Involving in RCA in case of incident.• Doing OSA, SS, Quick KAIZEN and Putting TAGs.• Participation in SMAT.• Follow the WCM activity.

WORK EXPERIENCE

Company	RELIANCE INDUSTRIES LIMITED (10th NOVEMBER 2014 –25th MARCH 2019) I had worked with two different sites of Reliance industries limited. 1. Hoshiarpur Manufacturing Division, Punjab 2. Nagothane Manufacturing Division, Maharashtra.
	1. Nagothane Manufacturing Division, Maharashtra
Description	<ul style="list-style-type: none">• Designated as Instrumentation Engineer at LLDPE-HDPE Plant
Responsibilities & Industrial Exposure	<ul style="list-style-type: none">• MAY 2018-Till date of experience in petrochemical industry as instrumentation maintenance engineer.• Looking after MOCT (Management of change of technology) jobs in LLDPE• LLDPE Bagging area PLC up gradation.• Working on 1-Hexene project in LLDPE from plant side.• Working on Tr-2 DBN LLDPE project from plant side.• Preparation of Instrument Index Sheet & IO list.• Knowledge of Hazardous Area Classification and selection of equipments in hazardous area.• Familiar with orifice, control valves and transmitter datasheets.• Evaluation of vendor offers for field instruments.• Detailed knowledge of Piping and instrument Diagrams. MOCT related P&ID reviewed.• Experienced in Enterprise Recourse Management, PR, level Setting using SAP.• Experienced in codification, flag removal, code extension, level setting using R-MMCS.• Preparation of PLC I/O database for bagging PLC up gradation.• Having good experience in troubleshooting, analysis and solution for many chronic problems in plant.• Involved in RCA and Near miss Investigation.

	2. Hoshiarpur Manufacturing Division, Punjab
Description	<ul style="list-style-type: none">• Working as Instrumentation Engineer• The process is based on the Technology of Zimmer. It is a continuous plant of having capacity of 300 TPD.
Responsibilities & Industrial Exposure	<ul style="list-style-type: none">• To maintain spares for smooth running of plant.• Calibration & Loop checking of all field instruments.• Working of PLC (Siemens) and DCS (Yokogawa) system.• Calibration of Weigh Bridge (60Ton).• Installation of field instruments and VFDs.• Minimize equipment breakdown by enforcing schedule maintenance & process reliability activities.• To Ensure Risk assessment and tool box talk prior to any job execution.• To Supervise and follow implementation of safety procedures.

	<ul style="list-style-type: none"> • Erection & Commissioning of DCS System of Yokogawa “Centum VP series” for Poly unit. • Working on Siemens and ABB make inverter Drive. • Manpower planning. • SAP- Maintaining Maintenance and calibration schedule and Record. • SAP- Inventory Modelling, Asset Management. • SAP Code creation of all new spare equipment in MMCS • Having good knowledge exposure to various flow meter like Mass, vortex, coriolis flow meter, control philosophy used in Process industry
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MAJOR PROJECTS

1. UP-GRADATION OF OLD DCS

About	CENTUM VP R6.05 Integrated Production Control System
Company	Yokogawa India Ltd.
Duration	Jun 2017 to Oct 2017
Responsibilities	<ul style="list-style-type: none"> • Studying current scheme and preparation of proposal mentioning failure history, analysis of effect of failure and disadvantages of current scheme. • Preparation of Instrument Index Sheet & IO list. • Preparation of JB scheduling and I/O allocation table. • Loop Drawing preparation. • I/O database preparation. • Planning and execution of control panel installation and wiring activities. • Carrying out logic checking and interlock checking activities. • Interconnection of old control panel to new DCS panel • Interlocks and Continuity checking, Involving in PSSR activity. • Checking graphics and modify as per the process requirement.

2. BOILER PROJECT

About	27 TPH & 28.5 Kg/cm ² AFBC Water tube Boiler.
Company	Cheema Boiler Limited
Duration	Nov 2015 to March 2016
Responsibilities	<ul style="list-style-type: none"> • Studying Piping and Instrumentation diagram, Instrument Hook-up diagram, JB schedule, cable schedule as per codes and standards. • Planning and execution of Instrument installation and wiring activities according to bar chart. • Done Siemens PLC FAT for Boiler project. • Done Siemens Inverter Drive FAT for Boiler project.

	<ul style="list-style-type: none"> • Database preparation for functionality testing of existing control valves, prepare transmitter details and their range which are going to be used in project. • Installation of Instruments as per Instrument Index. • Carrying out logic checking and interlock checking activities. • Carrying out loop checking activities. • Installation and commissioning of package units related instruments. • Commissioning of HART communication based transmitters. • Involving in Pre start-up Safety Review.
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3. WASH LINE PROJECT

About	Convert Dirty bottle into shining chips.
Company	Boretech (China)
Duration	Jan 2015 to April 2015
Responsibilities	<ul style="list-style-type: none"> • Planning and execution of control panel installation and wiring activities. • Carrying out logic checking and interlock checking activities. • Carrying out loop checking activities. • Installation and commissioning of package units related instruments. • Involving in Pre start-up Safety Review. • Installation of control panel. • Commissioning of VFD (Siemens G120) • Installation of field JB's. • Carrying out logic checking and interlock checking activities. • Involving in Pre start-up Safety Review.

TECHNICAL SKILLS

Software	<ul style="list-style-type: none"> • SAP • Simatic Manager (Siemens) • Total integrated automation version 13 (Siemens) • WINCC (SCADA software Siemens) • Starter (For Siemens drives) • Simatic Prosave (For HMI) • CENTUM VP (Yokogawa DCS) • Control builder (ABB DCS) • IFIX 5.5 (ABB DCS) • Express PCB (PCB Designing)
Documentation Tools	<ul style="list-style-type: none"> • MS-Office • MS Excel • MS Powerpoint

INDUSTRIAL TRAINING

1. CETP INFOTECH PRIVATE LIMITED, LUCKNOW

Type	Industrial Training
About Company	Training institute
Year	2012
Major Area of study	PCB and CKT Designing

2. UNICON PLC AUTOMATION

Type	Industrial Training
About Company	Training institute
Year	2013
Major Area of study	PLC and SCADA

B.TECH PROJECT

PROJECT

Topic	Auto metro train to shuttle between two stations.
About	In this project the train is running without any driver from one station to another and also count the no. of passenger available inside the train.
Year	2013-14
Duration	180 Days

ACHIEVEMENTS

- Deliver seminar on “Air pollution control technology”
- Got certificate of appreciation for PG to NG project ramp up and breakdown reduction.
- Got 1st prize in “ROBOWAR”.
- Got 3rd Prize in “ROBORUNNER”.
- Got Participation certificate from IIT-Kanpur in Techkriti-2012.

HOBBIES

- Listening to music
- Playing and watching cricket.
- Decoration
- Visiting a new place

PERSONAL DETAILS	
Father's Name	Vinod Kumar Pandey
Mother's Name	Madhuri Pandey
Date of Birth	11/04/1992
Permanent Address	B-251 Shntipuram Colony Phaphamau Allahabad Uttar Pradesh- 211013

Declaration:

I hereby declare that all the above information mention is true to best of my knowledge.

Place: Mumbai, Maharashtra

RAJAT PANDEY

Date: