

Curriculum Vitae



ANKIT AGNIHOTRI

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Objectives:

To enhance my knowledge and capabilities by training in dynamic industry or organization that prides itself in giving substantial responsibility to new talent.

Educational Qualification:-

2016 B.Tech in Electrical & Electronics Engineering from
A.K.T.U, Lucknow With 69.5% marks.

2012 Intermediate from K.S.S.SR Sec School With 75 marks.

2010 High school from Bishop WestCott School, With 55 % marks.

Experience:-

- 6 Years

Work Experience:

Intas pharmaceutical Ltd (From Mar 2024 to Till date).

Worked as calibration and maintenance engineer

Essar Vizag Terminal Limited(EssarPort) as Electrical &Automation Engineer.

From Date Mar2022 to Feb 2024

- Rich experience in planning maintenance schedule Electrical equipment, Yard machineries like Stacker, Reclaimers, Ship Loaders, Rotary Tiplers, HT motors (600 Kw) ,3.3 Kv transformer (oil & dry type) , 3.3 Kv switch gear.
- Scheduling periodically PLC, HMI & Drives Back up.
- Expertise in Different PLC's (Schneider M580, AB L33ER, Honeywell ML 200R, Siemens S7-400) Programing & modification as per operation requirements.

- Experience in HMI (Factory Talk View ME) & SCADA (Honeywell EPKS, Vejo Citec) graphic designing.
- Experience in VFD commissioning (Siemens 6R70, 6RA80, yaskawa A1000) programing and troubleshooting.
- experience in planning maintenance schedule, budgeting, annual maintenance planning, troubleshooting, manpower planning and risk assessment analysis; extensive exposure in leading basic engineering & design, project estimation & costing of Electrical System.

Teclogos Automation Pvt Ltd (Honeywell vendor):

From Date June 2020 to Feb 2022 .

Major Projects:

- Graphic Development in beijer HMI and PLC logic modification of different equipment (RMG, V-Blender, Tablet coater, capsule filling, FBD) as per CFR 21-Part 11 norms equipment.
- Preparation of system installation qualification & system operational qualification As per validation norms Gempis , CFR 21-Part 11.
- HMI data collection in server, creation of database reports, report generation of equipment's.

Santech System (ABB vendor):

From Date Feb 2018 to June 2020 till Date.

Major Projects:

- i) **INA FORMALDEHYDE , Bangalore (120TPD 37% Formaldehyde Plant):**
ABB's PLC AC500 PM583 Codesys FBD Programming, ABB's CHMI800XA SCADA Designing, Instruments Calibration(Level Transmitters, Pressure Transmitters, RTD PT100, Thermocouples, Pneumatic, Positioners, Control Valve, Flowmeter), PID Controller Tuning, Panel wiring Diagram, Panel GA Drawing, Site Commissioning.
- ii) **Balaji Formaline Pvt Ltd, Ahmedabad:**
ABB's PLC AC500 PM573 Codesys FBD Programming, ABB's CHMI800XA SCADA Designing, E&C.
- iii) **Kunnathan Polymers Ltd. Perumbavoor, Kerala:** ABB's PLC FBD Programming, Instruments Calibration, ABB's CHMI800XA SCADA Development, erection and commissioning
- iv) **Shah Alloys Steel, Ahmedabad :** ABB 800X (PM856) FBD Programming, Erection and Commissioning , Panel to Instrument wiring and Instruments Calibration, Supervision, PID Controller Tuning.
- v) **GNFC INFO Tower , Ahmedabad :** ABB 800X (PM856) FBD Programming, and Report Generation.

Industrial automation Training in "UNICON PLC AUTOMATION" LUCKNOW

1--Motors/ Starters/ Control Circuits: FWD & REV Inching/ Jogging, DOL Starters, RDOL Starters, Star Delta Starters, Timer Relay Logics, Counter Relay Logics, Induction Motors, DC Motors, Torque/ Speed characteristics, Interlocking Circuits.

2--PLCs: (Allen Bradley-Micrologix 1000 & 1000-A, Siemens- S7 1200,Delta-DVP 14 SS2 Series, Mitsubishi PLC-FX), Fatek- FBS, Omron- Sysmac CPM-1) - Ladder Logic Development (Digital & Analog), Input / Output Wiring Diagram with all hardware, Relays & Troubleshooting.

3--VFD/ AC Drive (Variable Frequency Drive): (Schneider-ATVR- 11, Siemens - Sinamics G-110, Allen Bradley-PowerFlex-4M, Emerson -Commander SK) (Delta VFD- L series).

External & Internal Start Stop Speed Control wiring Diagram, Knowledge of Programming, its Variable speed & Torque Characteristics, Energy saving concepts, Communication with PLC with Motors.

4--HMI (Panel View 300 Micro): Creating Applications, Downloading / Uploading Program, Communication with PLC along with VFD with Motors.

5--SCADA: Wonder ware's In touch, RS View, Application & Development.

6--Process Instrumentation: PID Controller- Selec, RTDS, Thermocouples, Proximity Sensors (AC/DC- NPN/PNP- 2 Wire, 3 Wire, 4 Wire), Level Sensor, Flow sensor.

7-- Panel design: Contractor sizing, load calculation, bus-bar sizing, panel protection etc. Relays, Contactors, Thermal overload relays.

Projects/Presentations:-

Seminar: - Powerpoint presentation on THERMAL POWER PLANT **Description:** - The presentation aimed at highlighting the benefits and facts related to thermal Energy over other sources of energy.

Project:-Advance Home Automation.

Description: - In this project entire home appliances are automatically controlled by various inputs and Outputs.

Skill set:-

- Technical
- Automation

Technical Fort:-

- **PLC Programming (Ladder Logic, Functional Block Diagram):** ABB, Honeywell, Allen Bradley, Schneider, Siemens.
- **DCS Programming:** Honeywell C300 , Abb PM 856.
- **SCADA:** ABB CHMI 800XA, Vejo Citec, Honeywell Experion.
- **Panel Designing.**
- **Instruments Calibration:** PT, DPT, Level Transmitters, RTD, Flowmeters, Positioners, I-P Converters.
- **Plant Commissioning:** Formaldehyde Plant, Turbine Power Plant, Material handling Plants.
- **AutoCAD 2D**
- **MS Office** (Excel, Word, PowerPoint,Python,Numpuy,Panda)
- **Internet working**

Hobbies:-

- Traveling
- Playing Volleyball

Language:-

- Hindi
- English
- Gujarati

Personal Information:-

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|------------------|----------------------------------|
| • Father's Name | : Jai Prakash Agnihotri |
| • Date Of Birth | : 07-08-1994 |
| • Religion | : Hindu |
| • Domicile | : District Unnao (Uttar Pradesh) |
| • Nationality | : Indian |
| • Marital status | : married |

Declaration:-

I declare the above mentioned are true to the best of my knowledge and belief.

Place

Vizag