

VIBHANSHU TURKAR

Electrical Instrumentation & Automation Engineer

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PROFILE

Diligent and results-oriented professional with upto 4 years of hands-on experience in Electrical and Automation Maintenance within the Shift Engineer domain of Fastener division. Possesses a strong foundation in ABB & Delta Drive parameter configuration and understanding of electrical drawings. Demonstrates proven expertise in both the practical and theoretical aspects of various electrical instruments, including HMDs, pyrometers, proximity sensors, PID Controller & AC/DC transducers.

SKILLS

- Application of Internet
- Automation and Electricals
- Microsoft Powerpoint
- Microsoft Excel
- Microsoft Word

WORK EXPERIENCE

Karamtara Engineering Limited Nagpur-MH

Engineer

March 2025 - Current

- I worked with Karamtara Engineering Ltd. as a Shift Engineer in Fastener Department (Electrical Automation and Instrumentation Engineer) from March 2025 to till date.
- Basic Knowledge of SAP & ERP.
- Explored to control relay logic as well as PLC ladder logic.
- Handling VFD (ABB ACS 550 & 880), Altivar71, Delta MS300, Mitsubishi D700, drive for motor control and set parameters.
- Having good knowledge in designing of HMI and interfacing to PLC.
- Siemens PLC S7-1200, S7-300, ET200, Delta DVP Series & Beckhoff EK1100 PLC.
- HMI KTP 700, KTP 1200 - modify the screen and downloading.
- Maintain the daily basis checklist to all instruments and LT Transformer Panel etc.
- Hand on experience in Altos Compressor GA45 & GA55.
- Hand on experience in EOT Crane Safax 5T.
- Hand on experience in Heat treatment, Galvanizing, Electroplating, Nut tapping machin.
- Expertise in Hot forging & cold forging NEDSCHROFF machinery.
- Hand on experience Emergency power distribution to plant diesel generator set (160KVA, 250KVA & 320KVA).
- Expertise in Heater & Burner maintenance

Ecotonix Automation Services Pvt. Limited Pune-MH

Assistant Engineer

April 2024 - Feb 2025

- Hands-on experience with Siemens Tia Portal PLC (CPU) S7-1200, S7-1500 and ET-200.
- Work experience in Siemens Tia Porta HMI (Basic and Comfort).
- Acquired basic knowledge of Allen Bradley RS Logix 500 software..
- ABB Drive knowledge for setting of parameter and testing.
- Commissioning and Testing for control panel and PLC programming Testing.

Sunflag Iron & Steel Co. Limited, Bhandara, Warti Road, MH

Training Engineer

July 2022 - March 2024

- Worked as a Shift Engineer in the Hot Blooming Mill and Bar Mill, specializing in Electrical and Automation.
- Proficient in configuring and tuning ABB AC Single Module Drive ACS 880 to optimize performance through parameter adjustments.
- Skilled in the maintenance of 690V AC Motors, ensuring continuous and efficient mill operations.
- Actively involved in training programs, contributing to the skill development of maintenance personnel.
- Breakdown analysis using IBA PDA Analyzer

PROJECT

- **Solarwings Engineering – Solar Panel Installation**
Installation of Solar Panel 3kw & 5kw
 - **Novasix Technologies Pvt. Limited -- Hot Melt Tank**
S7 Smart 200 (CPU ST40) and HMI KTP900 Development and Commissioning.
 - **Feb. Plus Healthcare Pvt. Limited -- Autocoater Pharma Project**
S7-1214 TP1500 Comfort Tia-17 Development and Commissioning.
 - **Thermax -- Water Treatment Plant**
S7 Smart 200 (CPU ST40), KTP 700 Basic PN Development And Commissioning.
 - **SBL Energy Pvt Limited**
For DCS pannel Control wiring and Power wiring for MCC & ABB Drive pannel Testing.
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KEY SKILLS

- **Installing, Testing , Commissioning & Maintenance :**
Testing and commissioning of rolling mill, Related process as well as Conducting test and Inspection , Reviewing, Engineering, Drawing diagram, PLC panel designing. Technical specification involved in Installation, Maintenance of troubleshooting and process maintaining panel wiring, PCC & MCC panel installation & Power distribution to the load, VFD installation and troubleshooting.
 - **Operation & Maintenance :**
Conducted thorough inspections of power supply and control circuits before operation, troubleshooting abnormal conditions in feeder ACB and equipment, and maintaining periodic and preventive maintenance documentation
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EDUCATION

Priyadarshini College of Engineering, Nagpur Bachelor of Engineering :- Electrical Engineering	2018-2022 78.80%
Bhartiya Krushi Vidyalaya and Jr. College, Nagpur HSC	2018 61.80%
Bhartiya Krushi Vidyalaya, Nagpur SSC	2016 74.4%

PERSONAL INFORMATION

- **Date of Birth :** 11 December 2000
 - **Permanent Address :** Post. Sihora, Dist. Bhandara, MH 441915
 - **Father Name :** Yogeshwar Turkar
 - **Marital Status :** Single
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