

# SHANKEY KUMAR

Senior Engineer



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New Delhi, India

Aspiring to achieve with the leading corporate with committed and dedicated people, which will help to explore fully in the field of **Automation & Maintenance** with reputed companies.  
Preferred Location: **Delhi/NCR**

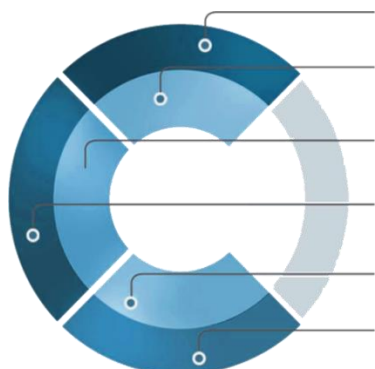
## PROFILE SUMMARY

- A diligent, result-oriented & experienced offering 4 years of experience in installation, start-up, commissioning, programming and testing of automated systems at Bennett Coleman & Co. Ltd. (Times Group), New Delhi
- Familiar with **Siemens Factory Automation Portfolio**.
- Highly skilled in pre-commissioning/commissioning activities such as preparation work of process field instrumentation, providing support to start-up scope and coordinating project performance tests
- Proficient in preventive, predictive maintenance & condition monitoring of instrumentation & control systems and in diagnosis & rectification of faults for enhancing operational effectiveness of equipment
- Familiar with the process of streamlining systems with proven capability to enhance **operational effectiveness** and meet operational goals within the **cost, time & quality parameters**
- In depth knowledge of managing the **process measurement, control instrumentation and services** to monitor the operations
- Extensive knowledge in all aspects of Control & Automation design activities encompassing:
  - Detailed design & preparation of specifications for all types of field instruments, instrument index & instrument Layout
  - Excellent relationship management skills and strong analytical, leadership, decision-making and problem-solving capabilities
  - Committed, Dynamic, flexible & approachable with excellent planning, analytical and problem- solving skills

## CORE COMPETENCIES

- ▶ Preventive Maintenance
- ▶ Instrumentation & Control Systems
- ▶ Maintenance Operations
- ▶ Troubleshooting & Installation
- ▶ Industrial Automation
- ▶ Breakdown Maintenance
- ▶ Documentation Management
- ▶ SAP (PM Module)
- ▶ Man Power Handling

## SOFT SKILLS



- Time Management
- Numerical Competence
- Communicator
- Innovator
- Negotiator
- Collaborator

## EDUCATION QUALIFICATIONS

- 2018- **B.Tech.** in EEE, Delhi Technological University with **73.50 %**, New Delhi
- 2013- **12<sup>th</sup>**, Vivekananda School, CBSE, New Delhi
- 2011- **10<sup>th</sup>**, Sashi Public School, CBSE, New Delhi



## ACADEMIC PROJECTS

- Power Theft Detection and Alert System using IOT (Major Project), (2018)
- Implement Solar Panel Tracking System using Stepper Motor and Atmega16 microcontroller, (2016)
- Design & Simulation of standalone photovoltaic system with Perturbation & Observation MPPT technique using matlab and proetus simulation tool. (2016)



## IT SKILLS

- PLC Programming (Ladder Logic) on Siemens TIA
- C Programming, MATLAB
- Delta PLC, RS Logix 500, Delta PLC
- Data Analysis Tools (MS Excel, Minitab, POWERBI)



## WORK EXPERIENCE

Since June 2018- Present: Bennett Coleman & Co. Ltd. | As Senior Engineer (Maintenance) | New Delhi

### Key Result Areas:

- Spearheading a team of 9 **technicians** responsible for **preventive, corrective & breakdown maintenance** of various instruments of press, providing **24\*7** support, overhauling of the machines & minimizing the breakdowns
- Planning & implementing maintenance schedules, conducting periodic checks on equipment and managing **technical documentation** for the same
- Taking stringent measures to conduct **tests & inspections** as per **quality norms**.
- Analyzing the **operational practices**, identifying the **areas of obstruction / failures** and working on changes for qualitative improvement
- Implementing effective **plant processes / procedures** to facilitate robust **production systems**, process optimization, in-process / material quality control and documentation
- Spearheading end-to-end installation & commissioning of instrumentation & control systems to reduce downtime & enhance operational efficiency; ensuring completion of project within minimum turnaround time
- Executing preventive & corrective maintenance schedules for instrumentation & control systems as well as conducting regular shutdown inspections, repairs & replacements of spare parts to ensure smooth operations
- Identifying the areas of bottlenecks & breakdown (repetitive breakdown); taking steps to achieve zero accident & customer complaints through the application of troubleshooting tools like root cause analysis

### Highlights:

- Calculated and analyzed of total connected load per transformer of Kandivali plant (Mumbai)
- Installed 565\*8 KW Capacity Piller Dynamic Rotary UPS at Sahibabad Press
- Initiated retrofitting of Wamac Stacker Machine with Omron system
- Participated in IMCRBNQA (IMC Ramkrishna Bajaj National Quality Award) and nominated for Leadership Category in 2019
- Bagged Performance Excellence Trophy 2019

## INDUSTRIAL TRAINING

- Attended Siemens Sitrain Training for industries Sahibabad, Delhi, 2020
  - PLC S7 1500 Basic Training
  - Simotion Basic Training Industrial exposure

## INTERNSHIPS

- **Pragati Power Corporation Limited, Delhi, May'17- July'17**  
**Description:** Learnt about working of Combined Cycle Gas Power Station and different types of relays, switchgears system of power plant
- **Delhi Transco Limited, Delhi, December 2016 (1 Month)**  
**Descriptions:**
  - Familiar with Gas Insulated Switchgear Electrical Substation (400kv/220kv/66kv)
  - Learnt about basic operations & maintenance of transmission substation
- **3ST technologies Pvt. Ltd., NOIDA, May 2016 (1 Month)**  
**Description:** Learnt about Embedded system and worked on ATEMA16 microcontroller development board

## EXTRACURRICULAR ACTIVITIES

- Associate Member of IET DTU Aug'15
- Attended 3 day workshop on "Focus on Power Sector in India & Energy Management Strategies"
- Attended E-Summit'17 at DTU

- Participated in various Inter-school zonal

**PERSONAL DETAILS**

**Date of Birth:** 2<sup>nd</sup> December 1995

**Languages Known:** English & Hindi

**Address:** House No. B-2, Street No. 8 Jagat Puri Extension, Delhi-110093