

# Ravi Prakash

## Instrumentation & Control

Williams Town, B.Deoghar, Jharkhand-814112  
Mobile No: +918076672257/8101167027  
Email: [ravi201617@gmail.com](mailto:ravi201617@gmail.com),

---

### Profile

Good communicator with proven inter personal skills, punctual and motivated individual who is able to work in a busy environment and produce high standards of work. Hard working individual, creative personality with goal oriented mindset. Total 9+years of experience in pharmaceutical industry with **B.Tech in Instrumentation & Control** from College of Engineering & Management. With an experience in sterile injectable manufacturing, OSD manufacturing, process improvement, process optimization, process engineering and project management. Value integrity and continuous improvement in personal as well as professional life

---

### Professional Experience

**Mapaex, Bhopal, India**-Manager-Project (Jun/20 to Present)

**PFIZER, Vizag, India** – Automation Engineer (Sept/15 – Jun/20)

**Alkem Health Sciences Private Limited, Sikkim, India** – Instrumentation Engineer (Jul/13-Aug15)

**Shreya Life Science Pvt Ltd, Roorkee, India** – Maintenance Engineer (May/11- Jun/13)

#### Work Profile: Mapaex

- Identification & implementation of BOQ for BMS, EMS & ELV System.
- Prepare and modify engineering specifications
- Project deliverables related to BMS, EMS & ELV System.
- Instrumentation related verification for process equipment
- Development & Implementation of Automation Systems and integration of different technology
- Ability to work with and influence team members to achieve mutual goals
- Evaluation of alternative solutions and vendors
- Responsible for the planning, development, procurement and implementation of a variety of plant and equipment to provide an effective and efficient manufacturing site
- Track and identify the critical technical items; prepare and share projects status reports
- Integration of eBMR system with different modules and other system
- Provide the necessary Instrumentation and Controls support for other on site Project Managers

#### Work Profile: PFIZER

- Design, develop, manage and maintain control systems i.e. Distributed Control System (Delta V), Programmable Logic Controller. Perform all work and conduct oneself in a manner that promotes safety of the individual and all other at employees
- Creation of recipes and qualification of process & modules including programming in DCS
- Work on projects includes Installation & commissioning of Solution preparation.
- Operation and Maintenance of PLCs, pressure, temperature, flow, level transmitters, level switches etc.
- Cross ferruling and Loop Checking of I/O channels of controller modules with associated field instruments.
- Identification, escalation and resolution of issues, to prevent any unnecessary downtime in production
- Participation in process improvement initiatives.
- Sound knowledge of control system components such as field instruments, SCADA systems, communication networks
- The development of functional specifications and requirements for the process control systems
- Collaborate with Engineering, Integration contractors or Vendor firms to develop control system architecture for programmable logic controllers (PLC), human machine interfaces (HMI) and Distributed Control Systems (DCS)
- Develop best practices to improve production capacity, quality, and reliability

**Work Profile: Alkem Health Sciences Private Limited**

- Identifying areas of obstruction / defects, conducting troubleshooting, service and repair to rectify the equipment.
- Installation and Calibration of Field Transmitters (Pressure, Temperature, Flow etc.) with the help of Emerson 475 HART communicator.
- Proven track record of making significant contributions by deploying and setting systems, at the same time bringing about considerable cost reductions, while ensuring efficiency and quality benchmarks of operations.
- Scheduled maintenance, calibration of transmitters, controllers, final control elements, pressure switches, solenoid valves and remote operated valves.

**Work Profile: Shreya Life Science Pvt Ltd**

- Troubleshooting related to VFDs, Relays, different electronic circuits, Boiler (Forbes Marshall), Chilling plant (Chillers, Cooling Towers), Water System (NEELA) & Pharma lab.
- Handling maintenance of machines Bottle Washing (PHARMALAB), Filling Machine (PHARMALAB), Sealing Machine (PHARMALAB).
- Deft in handling documentation work related to DQ, IQ, OQ, PQ etc.

---

### Awards & Achievements

- Pfizer 2017 Q2 Mission Award:
  - To develop and optimize the CIP Cycle
- Pfizer 2017 Q4 Mission Award:
  - CIP Remediation on Five Manufacturing Lines in Terminal Sterilization Block at Vizag Site

---

### Skill Set

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| ➤ Emersion DCS (Delta V)           | ➤ SAP                                |
| ➤ PLC(Allen Bradley)               | ➤ PROJECT LIBRE                      |
| ➤ SCADA(RS View)                   | ➤ MS OFFICE                          |
| ➤ AUTOCAD                          | ➤ Process Improvement & Optimization |
| ➤ PSPICE                           | ➤ Excellent critical thinking        |
| ➤ LABVIEW(PC based control System) | ➤                                    |

---

### Education

- B.Tech in Instrumentation & Control Engineering (75.86% Distinction :2007-11)

---

### Hobbies

- Photography, playing , gardening, traveling to new places, cycling
- Languages: Hindi, English

---

**Nationality:** *Indian*

**Passport:** *Available*

**Declaration:**

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

Ravi Prakash