

# CHARAN VAIDYA

CONTROLS ENGINEER|PLC|HMI|ROBOTS

## CONTACT

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- Sirsi, Karnataka, 581402, India

## SKILLS

- PLC Programming
- HMI Programming
- Robot Programming
- Interfacing Thirdparty devices

## EDUCATION

**Bachelor In Computer Science Engineering**

**Sri Venkateshwara University**

2023 - Present

Online/Correspondence Degree program  
for working professionals

**Diploma In Mechatronics Engineering**

**Nettur Technical Training Foundation**

2016-2019

Secured 7.9 CGPA

## LANGUAGES

English

Hindi

## PROFILE

Results-oriented Controls Engineer with 4 years of experience in designing, developing, and implementing control systems for industrial processes. Proven expertise in PLC programming, HMI development, and system integration. Strong analytical skills combined with a deep understanding of automation principles, allowing for the optimization of manufacturing processes and improvement of overall efficiency. Demonstrated ability to collaborate effectively with cross-functional teams and stakeholders to deliver projects within scope, budget, and timeline.

## WORK EXPERIENCE

### Controls Engineer

June 2019 - June 2023

Wipro PARI

Technical Skills:

- Programming Languages PLC [SCL | LAD].
- Programming HMI's [VB Script | Multiplex Tags | Data Logging | Historical Data | Alarm Log].
- Programming Robots [FANUC | ABB | Mitsubishi].
- Preparing manuals to operate the HMI's.
- Preparing SOP documents to understand for maintenance & operating purpose.
- Cycle time reduction of machines.
- Preparing required Alarms with their respective cause & remedy.
- Preparing codes for Third party systems like [VISION | Drives | RFID | Scanners].
- Interfacing OPC-UA/DA with industrial PC to store the part data from PLC.
- Simulation of PLC codes in simulators & Robot OLP's.
- Designing HMI screens [UI/UX].
- Hardware configuration of field devices.
- Safety logic programming & debugging.
- Modifying existing logic as per customer requirements to add new variant or any other improvement in machine.
- Software used: TIA Portal 15.1, 16, 17 | Process Simulation | Robo Guide | GX-work | Festo Automation Suite | RT-Toolbox | Microsoft Excel, PowerPoint, Visio, Word.
- Customer handling, technical support & issue solving.
- Quick problem understanding & solving.
- Time Management & Project Management.
- Ready to learn or to adapt to learn new technologies.

## CERTIFICATIONS

- SIMATIC S7-1500F With STEP 7 Safety V16 (AS-TIA1500F) - Jan 2023
- SIMATIC S7-1500 with TIA V15 Advance & HMI (AS-1500A) - Jul 2019
- SIMATIC S7-1500 with TIA V15 Basic (AS-1500B) - Jul 2019
- NSDC - Automation Specialist (ASC/Q6807) Level - 6 - Aug 2019
- NSDC-Mine-Electrician (MIN/Q0416) Level - 4 - Oct 2018