

# SRINIDHI J

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## PROFESSIONAL SYNOPSIS

Looking for an opportunity to upgrade and learn new skills , I would like to build my carrier in industrial automation , Where I like to work on special purpose machines.

## EXPERIENCE

|                  | Company Name                     | Designation   |
|------------------|----------------------------------|---|
| Previous company | SS AUTOMATION SOLUTIONS PVT LTD. | Junior-Electrical and Controls Engineer<br>From (July 2021- Feb 2024) |
| Current company  | SUPINCO AUTOMATION PVT LTD.      | Project Engineer<br>From(Mar2024)                                     |

## Project Accomplished

Complete projects worked on:

### TBC: Telescopic Belt Conveyor:

Description: Extending and compressing the conveyor , running the belt and using hydraulic, adjusting the height of the TBC.

### LMT: Differential Assembly

Description: assembling the gears and pressing the bearing cups by , 20ton ,50ton, 40ton hydraulic press and checking the shim gap and backlash.

Worked on panels , SIEMENS S7-1200 and LOGO! PLC , panel wiring , programming in ladder and FBD, HMI screen design, sinamics ,SEW ,AB VFDs, delta servo, Hydraulics, pneumatics.

Following the consignments, autocad (2013), panel designing, preparing i/o list, site works. And worked on several projects- conveyors, palletizing, strapping, motor assembly, installation, commissioning in

## TECHNICAL EXPERTISE

|  |   |
|--|---|
| Design   | HMI , SCADA   |
| Programming  | <ul style="list-style-type: none"><li>• PLC Ladder Logic</li><li>• PLC Function Block Diagram(FBD)</li></ul>                                      |
| <ul style="list-style-type: none"><li>• Siemens (SIMATIC S7-1200)</li><li>• SIEMENS(LOGO!)</li></ul> | <ul style="list-style-type: none"><li>• SCADA</li><li>• Hydraulic operation</li><li>• Communication</li><li>• Simulations</li><li>• HMI</li></ul> |

|   |   |
|---|---|
|   | <ul style="list-style-type: none"> <li>VFD</li> </ul>   |
| <ul style="list-style-type: none"> <li>Allen Bradley (2080-LC20-20QBB)</li> </ul> | <ul style="list-style-type: none"> <li><b>Pneumatic Operation</b></li> <li>Communication</li> <li>Simulations</li> <li>HMI</li> </ul>   |
| <ul style="list-style-type: none"> <li>Schneider Electric (TM200CE24T)</li> </ul> | <ul style="list-style-type: none"> <li><b>Conveyer Operation</b></li> <li>Communication</li> <li>Simulations</li> <li>HMI</li> </ul>    |
| <ul style="list-style-type: none"> <li>Omron (CP1E)</li> </ul>                    | <ul style="list-style-type: none"> <li><b>Stepper Motor Control</b></li> <li>Communication</li> <li>Simulations</li> <li>HMI</li> </ul> |
| <ul style="list-style-type: none"> <li>Delta (DVP20SX2)</li> </ul>                | <ul style="list-style-type: none"> <li><b>Servo Motor Control</b></li> <li>Communication</li> <li>Simulations</li> <li>HMI</li> </ul>   |
| <ul style="list-style-type: none"> <li>Inovance (H1U-0806MT-XP)</li> </ul>        | <ul style="list-style-type: none"> <li><b>Conveyer operation</b></li> <li>Simulations</li> </ul>  |

#### EDUCATIONAL QUALIFICATION

|        |                                     |      |         |
|--------|-------------------------------------|------|---------|
| BE-EEE | Acharya Institute of technology     | 2020 | 5.4CGPA |
| PUC    | Soundarya Composite PU Collage      | 2015 | 50%     |
| SSLC   | Sri Basaveswara English High School | 2012 | 58%     |

#### CERTIFICATIONS

|            |  |  |
|------------|--|--|
| PGDIA      | Post Graduate Diploma In Industrial Automation | Ellen TechnoLabs , Bangalore               |
| JAVA       | Core java                                      | IIHT Sadashivnagara , Bangalore            |
| Internship | Manufacturing Of Distribution Transformers     | Vignesh Vidyuth Control, Peenya, Bangalore |

#### COLLAGE PROJECTS

|                         |   |
|-------------------------|---|
| Project Title           | PIC Based Automated Waste Segregator.   |
| Team Size               | 4   |
| Tools & Technology used | <ul style="list-style-type: none"> <li>INOVANCE PLC , AutoShop V3.01 .</li> <li>Conveyer</li> <li>Proximity Sensors</li> <li>Incinerator</li> </ul> |

|             |   |
|-------------|---|
| Description | <ul style="list-style-type: none"> <li>• Effective Waste segregation method using sensors.</li> <li>• Low Cost Incinerator Techniques.</li> </ul> |
|-------------|---|

|                         |  |
|-------------------------|--|
| Project Title           | Robotic Hand   |
| Team Size               | 1  |
| Tools & Technology used | <ul style="list-style-type: none"> <li>• Android Application</li> <li>• Bluetooth Device</li> <li>• Arduino Uno</li> <li>• Servo Motors</li> </ul> |
| Description             | <ul style="list-style-type: none"> <li>• Controlling the figure actions by android Application.</li> </ul>   |

|                         |   |
|-------------------------|---|
| Project Title           | Relay Module circuit design   |
| Team Size               | 1   |
| Tools & Technology used | <ul style="list-style-type: none"> <li>• PCB (Diptrace V3.3.1.3 )</li> </ul>  |
| Description             | <ul style="list-style-type: none"> <li>• Printing the PCB and using the the module in the effective way.</li> </ul> |

#### PROFESSIONAL QUALITIES

- Helpfulness
- Maintaining Punctuality

#### HOBBIES

- Morning Workout.
- Working with Electrical & Electronic devices.
- Learning new languages & Playing computer Games.

#### PERSONAL SYNOPSIS

|               |  |
|---------------|--|
| Language      | <ul style="list-style-type: none"> <li>• Kannada</li> <li>• English</li> <li>• Spanish (Beginner)</li> </ul> |
| Date of Birth | 14/10/1996   |
| Sex           | Male   |
| Father's Name | V Janardhana   |

#### DECLARATION

I hereby declare that all the information mentioned above are correct and true to the best of my knowledge and belief.

Place : Bangalore

Date :