

**Naru Madhulika**

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**CAREER OBJECTIVE**

To ensure challenging position in a growing organization where i would be able to utilize my capabilities to the best extend and in the process add value to the organization and my career.

**EDUCATION**

Course	Institute	Year of Passing	CGPA/Percentage
Bachelor of Technology in Electronics and instrumentation engineering	Sree vidyanikethan engineering college	2015-2019	7.31 CGPA
Board of intermediate	Narayana junior college	2009-2011	79.1%
SSC	Sri venkateshwara children's high school	2008-2009	71.5%

**INTERESTS**

- All type of core Industries and soft ware companies.
- PLC programming, Network Systems, Digital IC Applications, Microcontrollers, Instruments Designing

**ACTIVITIES**

- Actively participated as a coordinator of various activities at college level
- Organizing National Level techno Cultural fest in College.
- Active member of "Association of Instrumentation Majors"(AIM). Paper presentation in college fests

**TECHNICAL SKILLS**

- PLC (Programmable Logic Controllers) & DCS (Distributed Control System) - Programming languages such as LD(Ladder Diagram) & FBD (Functional Block Diagram) Hands on Practical exposure in brands as Siemens, AB (Allen Bradley), ABB (Asea Brown Boveri), Keyence, Omron, Siemens.
- SCADA (Supervisory Control & Data Acquisition) – Screen designing, PC & PLC interface, Data collection & storage
- HMI (Human Machine Interface) - Screen designing, PLC interface, DCS interface
- VFD (Variable Frequency Drive) – Commissioning and Troubleshooting
- Pneumatics & Field Instruments ( Control Valve, Sensors, Level Transmitters, Flow Transmitters, Temperature Transmitters, Pressure Switches)
- Interfacing between PLC & GSM modem to communicate with mobile device
- Knowledge in Panel wiring ,PID, erection, commissioning, engineering, controlling & troubleshooting in BWT.
- Troubleshooting – PLC & DCS programming
- Control Panel (Power wiring & Control wiring)
- C programming, ms office ,verilog,LabVIEW,MATLAB,

## PROJECTS

- **Automatic railway traffic control mechanism using arduino** 2 months  
To maintain safety and one way traffic near railway gates by using spikes and LCD display of operation of the gate near junctions to minimize the traffic
- **(Mini project) Temperature and pressure monitoring using sa5000 and Adam box using LabVIEW** 1 week  
Temperature and pressure is monitored in plant using LabVIEW software design in pc and sa5000 sensor and ADAM BOX along with Ethernet cable

## ACHIEVEMENTS & AWARDS

- One of the Committee Head Member in college fest and been successful in Organizing it.
- Active Member in Conducting Departmental Events.

## CERTIFICATION

- INTERNSHIP in automation industries(Tirumala milk products at Gudur).
- WORKSHOP attended on Process control simulation in NIT TRICHY.
- Internship at ZF wind power , Coimbatore
- Obtained Certified Industrial internet of things 4.0 and Automation from Technocrat Automation Pvt Limited (IAO Accredited), Chennai. With 1 month hands on practical experience in Industrial Automation Tools specializing in PLC, DCS, SCADA and VFD.

## PERSONAL STRENGTHS

Ability to communicate effectively  
Ability to work closely with people at all levels.  
Dedicated and hard work towards achieving the objectives and goals.  
Ability to perform well in a team and as an individual

## PERSONAL PROFILE

- Date of Birth : 27/08/1994
- Marital Status : Single
- Nationality : Indian
- Known Languages : English,telugu,hindi
- Hobby : Dancing,singing and watching movies

## DECLARATION

I N.Madhulika, hereby declare that the above furnished information is true to the best of my knowledge and belief.

**NARU MADHULIKA**