

# V Rushi Sarada

Achievement-driven professional targeting assignment in **Product Design & Development and Automation Engineering** in an organization of repute

Location Preference: Delhi/NCR



## Profile Summary

- Insightful understanding of conducting **Design Engineering Operations** like product design & development, development of detailed drawings for components, assembly drawings and feasibility studies
- Cultivated and leveraged **product development skills** by conducting in-depth evaluation and suggested modifications in the product attributes
- Skillful in acting as a **liaison to clients to understand** and define their specific, high-tech needs while delivering those solutions through the management of small, research-and-development focused engineering teams; strategizing plans for achievement of design targets within time parameter
- Managed **process control system engineering**; administering configuration, programming and commissioning of **PLC, SCADA systems**
- Possess strong **interpersonal and communication skills** for interfacing with all levels of the management along with the capability to exchange detailed written & verbal information

## Key Impact Areas

New Product Design  
Industrial Automation  
Design & Detail Engineering  
2D / 3D Modelling  
Specification Analysis  
Design Validation & Review  
Industrial AI  
Machine Learning  
RPA

## Technical Skills

AutoCAD	ANSYS
SolidWorks	CATIA
Python	MATLAB
SQL	Keil-8051
Proteus	C, C++
RT Toolbox 3	R Programming

## Education

- Master of Technology in Robotics and Automation from GGSIPU in 2020
- Bachelor of Technology in Mechanical Engineering from SRM Institute of Science & Technology in 2019

## Training Experience

- ESCORTS Faridabad: In-plant training
- Allied Nippon., Sahibabad – Duration 30 days
- Mukkudal Robotics: 30 Days Internship in Industrial Robotics

## Projects

- Inner Pipe Inspection Robot
- Pneumatic Engine
- Review Paper on Swarm Robotics
- Mobile Robot Locomotion: Path Planning and Obstacle Avoidance
- Object Recognition and Shape Recognition
- Review Paper on Industrial AI
- Strengthening Prosthetic Arm Using Modified Artificial Muscles

## Personal Details

**Date of Birth:** 10th August 1997

**Languages Known:** English, Tamil, Telugu and Hindi

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