

# Salil Kathuria

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F r e s h e r



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## A B O U T   M E

*I have completed my Bachelor of Vocation in Robotics and Automation at Shri Vishwakarma Skill University. Looking forward to incredible opportunities in the corporate world for the holistic development of self as well as my organization.*

## C E R T I F I C A T I O N S

- MATLAB Onramp by MathWorks
- Robotics with Arduino by HunarPro
- Machine Learning Onramp by MathWorks (ongoing)

## S K I L L S

- MATLAB
- Python (Beginner)
- Arduino
- AI Fundamentals (final year elective)
- MS Office
- Communication skills
- Analytical skills
- Critical Thinking
- Problem solving skills

## I N T E R E S T S

*Business consulting, gardening, cooking, music, reading, mechanics.*

## E D U C A T I O N

**B.Voc in Robotics and Automation: 7/10** [up to penultimate semester]

*Shri Vishwakarma Skill University*

2019-2022

**12<sup>th</sup> Standard: 65%**

*Ryan International School*

2012

**10<sup>th</sup> Standard: 8.4/10**

*Ryan International School*

2010

## P R O J E C T S

***Automated Vertical Farm (July 2022)***

In this project, we are using the mushroom farm as the basis, and we aim at increasing the overall production by 100% and decreasing human effort by 50% by controlling and regulating the temperature, humidity, and moisture with Arduino using relays and devices as required.

***Bicycle conversion to e-cycle (August 2020)***

In this project, we converted a bicycle to an e-cycle with the help of a 250 watt BLDC Motor, a controller and 2 UPS batteries.

***Automatic Irrigation System (April 2020)***

In this project, I used a soil moisture sensor, pump, and a relay in conjunction with Arduino Microcontroller to keep the soil moist automatically as and when it dried.