


# Saurabh Kumar Raj

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## EDUCATION

<b>Shri Mata Vaishno Devi University, Katra (J&amp;K)</b>		<b>CGPA-</b> 7.18(current)	2020-24
<i>B.tech in Electronics And Communication</i>			
<b>+2 S.B.GOV.T.H/S Saidpur, Khagaria (Bihar)</b>			
Intermediate Of Science(I.Sc)	Board-BSEB	<b>Percentage-</b> 68.4%	2019
<b>Rani Public School Calicut (Kerala)</b>			
Matriculation	Board-CBSE	<b>Percentage-</b> 80%	2016

## SKILLS

<b>Languages:</b>	C , Python, HTML, CSS, MATLAB
<b>Tools:</b>	Git & GitHub
<b>Familiar with:</b>	DSA, assembly
<b>Soft skill:</b>	Project management, fluent spoken English, Real-life problem solving, Leadership

## PROJECTS

- [Digital Alarm Clock With 8051 Microcontroller](#)
- It uses microcontroller programming to fetch current date and time.
- [Home cleaning robot using Arduino uno](#)
- The system automates itself and detects the area of the floor and avoid Collision and cleans as well as to mop
- [SMART DUSTBIN](#)
- The Arduino uno will process the data collected from an ultrasonic sensor, and control the servo motor and automatically open.

## WORK EXPERIENCE

- Worked in ISRO In pre-fractal Antenna (Orbitx India Aerospace)
- Designing PCB With Autodesk Eagle Software

## ACHIEVEMENTS

- Distinction in Australian mathematics conducted by common wealth bank.
- 1<sup>st</sup> prize in Extempore Hindi in all Kerala state association
- 3rd Prize in Engineering idea presentations Conducted In SMVDU.
- Qualified in JEE Main

## CERTIFICATIONS

- VHDL
- VLSI Physical Design
- DATA COMMUNICATIONA & Computer Network
- MATLAB Onramp [Mathwork](#)
- MATLAB Simulink [Mathwork](#)

## HOBBIES

- Reading, playing Football ,doodling, Problem Solving, Travelling