


PAVIT SINGH NARANG

Portfolio-<https://pavito512.github.io/Personal-Website/>

Address: 605 Sai Sampada, AB Road, Indore (MP)

+91 -8889799949 pavitnarang14@gmail.com

 pavit-singh-narang-o8b64620a



CAREER OBJECTIVE:

An ardent roboticist ventured into robotics, crafting diverse projects and mastering Robotics and Machine Learning. Now, eagerly embracing new challenges with limitless freedom.

ACADEMIC RECORD:

- Bachelors in Technology in Electronics and Communication Engineering:
Acropolis Institute of technology and Research, Indore
Currently in 3rd Year
8.17 CGPA
- Senior Secondary (12th CBSE):
SICA Senior Secondary School, Indore (M.P)
86.6%
- Higher Secondary (10th CBSE):
SICA Senior Secondary School, Indore (M.P)
84.4 %

PROJECTS:

- Singulation Automation Machine (SAM):**
An Innovative box-picking automation machine for Flipkart Grid 5.0 Robotics Challenge reaching the final round.
Role: Team Leader, Product Designer, Product Developer
Duration: 1st Aug 2023- 5th Jan 2024
- Autonomous Vehicle:**
Utilizes sensors to detect obstacles and people on a predetermined route, enabling informed decision-making based on real-time data.
Role: Hardware Developer, Product Designer
Duration: 19th Dec 2023- Present
- C.H.A.R.M:**
A Robot with hardware-based artificial intelligence.
Role: Product Designer, Software Developer
Duration: 20th July 2023- Present
- Traffic Robot:**
It is an automated traffic robot that regulates traffic in that region with a system for automatic shutdown and starting.
Role: Software Developer, Hardware Integrator
Duration: 9th Feb 2023 – 11th Feb 2023
- Portfolio Website:**
Showcasing skills and achievements through modern web design
Duration: 17th Oct 2022 – 19th Oct 2022

TRAINING/INTERNSHIP:

- INTERNSHIP:**
ESLA TRANSTECH PRIVATE LIMITED
An Automotive Consulting Company
[1st Aug 2022 – 15th Mar 2023]
- ADVANCE SKILLING PROGRAM:**
Additive Manufacturing and Reverse Engineering
[13th Feb 2023 – 17th Feb 2023]
- WORKSHOP:**
Culminated the workshop on Raspberry Pi, Arduino, and its applications.
[17th Jan 2023 – 2nd Feb 2023]

CO CURRICULAR ACTIVITIES:

- IIC Event**
Exhibited an Electric Vehicle solution in Regional Meet by IIC held in Bhopal on 22nd July 2022
- TEDx Event**
Attended the TEDx event held in Indore on 4th Feb 2023
- Publicized in IIC's Outraged program.

SKILLS:

- | | |
|--------------------|-------------------|
| • Python | • Types of Motors |
| • Raspberry Pi | • CAN |
| • Arduino | • SPI & I2C |
| • Gazebo Simulator | • Linux OS |
| • Eagle Software | • ROS |
| • Basic PLC | • C++ |

STRENGTHS:

- Ebullient
- Dexterous

AREA OF IMPROVEMENT:

- Collaborative Skills
- Delegation

HOBBIES:

- Table Tennis
- Cooking

PERSONAL DETAILS:

Date of Birth : 5 Dec 2002

Gender : Male

Marital Status : Single

Nationality : Indian

Mother Tongue : Punjabi

Father's Name : Mr. Hardeep Singh Narang

CERTIFICATIONS:

- IOT, Robotics and Embedded System
- OpenCV by Skillup
- IIC Regional Meet

Reference: Dr. Uday Bhanu Singh Chandravat, Head of EC Department at Acropolis Institute

hodec@acropolis.in

Declaration: I hereby declare that the information above is true to best of my knowledge

Place: Indore (MP)

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