


PAVIT SINGH NARANG

Portfolio-<https://pavit0512.github.io/Personal-Website/>

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 pavit-singh-narang-08b64620a



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 4th Year
8.28 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:

- Military Robotic Arm:**
An Autonomous combat arm, equipped with a rifle which shoots targets using advanced computer vision
Role: Product Designer, Product Developer
Duration: 7th Feb 2024- Present
- 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- 3rd 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 – 11th Mar 2024
- 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

TRAINING/INTERNSHIP:

- INTERNSHIP:**
VOID ROBOTICS
A Company provide Robotics solutions
[31st Jan 2024 – 27th Jun 2024]
- 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]

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)

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
- Publicised in IIC's Outraged program.

SKILLS:

- Python, C++
- Raspberry Pi
- SLAM
- Gazebo Simulator
- Eagle Software
- Basic PLC
- ML, DNN
- CAN, SPI & I2C
- MoveIt, RViz
- Linux OS
- ROS2
- Solidworks

STRENGTHS:

- Ebullient
- Dextrous

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

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