BHUVANESWARI B

ROBOTICS AND AUTOMATION ENGINEER

CONTACT

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https://bhuvaneswari2143.github.io/portfolio/

EDUCATION

B. Tech in Robotics and Automation
(2024)
Manakula Vinayagar Institute of Technology
CGPA: 9.54

HSC - 2019

Immaculate Heart of Mary Higher Secondary School

Percentage: 64%

SSLC - 2017
Immaculate Heart Of mary High School
Percentage: 82%

TECHNICAL SKILLS

Exceptional programming skills in Python and C, along with OpenCV, ROS (Robot Operating System), Gazebo, and Machine learning concepts

Proficient in designing Blue Prism, UI Path, UX design, AutoCAD, SolidWorks and HTML

Demonstrates a strong command of modern programming tools, including WPL software, and LabVIEW software

ACHIEVEMENTS

Created 3 bots and get a badge from UIPATH

Paper presentation in sri Venkateshwara college of engineering

1st prize on Iot based project expo

Published paper in IEEE conference

PROFILE

Exceptional programming skills in Python and C, along with expertise in OpenCV, ROS (Robot Operating System), Gazebo, and machine learning concepts, empowering the development of advanced and intelligent applications.

Proficient in designing with a versatile skill set encompassing Blue Prism, UI Path, UX design, AutoCAD, and SolidWorks, ensuring the creation of visually stunning and user-centric experiences.

INTERNSHIP

Corner Stones Engineering Solutions.(2022)
Role : Technical Supporter
Project :Car parking System Using PLC

Pantech Solutions.(2023)
Topic : Machine Learning

PROJECTS

MAGNETIC TAPE FOLLOWING ROBOT

Implemented a sophisticated magnetic tape tracking system for precise navigation, utilizing sensor technology

Designed with a robust lifting mechnism,empowering the robot to effortlessly handle handling weighting up to 10 Kg.

AUTOMATIC WHEAT DRYING ROBOT

Integrated sustainable practices by using solar energy, enabling uninterrupted operation for an impressive 6-hour duration while environmental conservation.

Engineered an advanced robotics solution for efficient wheat management ,handling,spreading,drying,picking,and storing operations.

SELF BALANCING TABLE

A self-balancing table is designed to autonomously distribute and manage the load it carries, and maintain equilibrium.

It also extends its capability to balance objects placed on its surface, offering a reliable and adaptable solution for various applications.

AREA OF INTEREST

Modelling And Simulation

programming For Robotics.

Electronics devices and Circuits