Jerin Jose

Thrissur, Kerala | Ph: +91 8606718255 | jerinjosepayyappily07@gmail.com

PROFILE SUMMARY

Equipped with a bachelor's degree in Robotics and Automation, I bring together a blend of skills in Mechanical and Electrical Engineering, along with expertise in Programming and Automation Technologies. I'm eager to dive into projects where I can put these skills to practical use and make meaningful contributions. My goal is to not only apply what I've learned but also to continue learning and growing within the field.

EDUCATION

BACHELOR OF ROBOTICS AND AUTOMATION   Nov 2020 - June 2024
TOC H INSTITUTE OF SCIENCE AND TECHNOLOGY   Ernakulam, Kerala

> Relevant Coursework: Artificial Intelligence & Machine Learning, Mobile Robotics, Computer-Aided Manufacturing, Industrial Automation, Machine Vision, Computer Integrated Manufacturing System, Robot Motion Planning

HIGHER SECONDARY EDUCATION   Jul 2018 - Mar 2020
ST ANTONY'S MALA   Thrissur, Kerala

TECHNICAL SKILLS

Plc Hardware & Programming
Machine Learning
ROS
Arduino

SOFT SKILLS

Problem-Solving	Analytical Thinking
Communication	Time Management
Adaptability	Attention to Detail

INTENSHIPS & WORK EXPERIENCE

ENGINEER TRAINEE   Nov 2024
APTIV CONNECTION SYSTEMS   Ernakulam,Kerala
- Worked as an engineer trainee in APTIV.

AUTOMATION ENGINNER INTERN   Aug 2024
PEEPL AUTOMATION PVT LTD   Ernakulam,Kerala
- Worked as an Automation engineer intern in PEEPL AUTOMATION PVT LTD.
- Learned automation and electrical skills.

ONLINE ROBOT PROGRAMMING COURSE (ONLINE)   Dec 2021
FANUC INDIA   Ernakulam, Kerala
- Completed an intensive online course through FANUC India, gaining comprehensive knowledge and practical skills in robot programming.
- Developed expertise in programming and troubleshooting FANUC robotics systems for various industrial applications.

TRAINING PROGRAMME ON INDUSTRIAL AUTOMATION AND PLC   Dec 2022
BOSCH REXROTH – GPTCK   Ernakulam, Kerala
- Acquired proficiency in designing and implementing pneumatic and hydraulic systems for diverse industrial applications.
- Acquired skills in ladder logic programming, input/output configuration, and PLC troubleshooting techniques.
- Engaged in practical exercises and simulations to apply theoretical knowledge to real-world scenarios during the training program.

COURSES & CERTIFICATIONS

ADAS(ADVANCED DRIVER ASSISTANCE AND SYSTEMS)
- Completed Comprehensive ADAS Course
- Learned how ADAS works on Autonomous vehicles and their different applications

Two Day Workshop On ROS(ROBOTIC OPERATING SYSTEMS)

- Completed ROS programming course,gained practical skill in ROS programming

Introduction To Machine Learning

- Successfully Completed The Course Introduction To Machine Learning And Get To Know How ML Works

PYTHON 101 : Develop Your First Python Program

- Learned The Fundamentals Of Python Programming

One Day Workshop On Arduino Microcontroller Board And Applications

- Learned About Arduino And Its Applications

IoT : From Basics To Cutting Edge Concepts of IoT

- Get to know about IoT systems and how it works.
- Various IoT protocols,communication protocols,IoT technologies,Sensors and Actuators

Self Driving And Ros2 : Learn By Doing! Odometry And Control

- Get started with Ros2 and its concepts
- Knowledge about Packages,Nodes,Topics,Rviz,Gazebo

SEMINARS / PROJECTS

RESQUE(A Surveillance Bot**) -** Minor Project(B Tech)   Jun 2023

- A quadcopter with in-built GPS and camera module.
- Implement a surveillance drone especially for animals trapped in a wildfire.
- Platforms : Mission Planer,Python,Open CV

A MACHINE LEARNING POWERED ROBOTIC MANIPULATOR MIMICKING HUMAN HAND MOVEMENTS(Robotic Arm) - Major Project(B Tech)   Jun 2024

- This is basically a robotic arm which is controlled by human hand movements.
- It is used in areas where human hands are restricted.
- This arm can be used for handling and gripping complex shapes and can be used for various applications
- Platforms : ArduinoIDE,Python,Ultimakercura,

LANGUAGE PROFICIENCY

MALAYALAM	Native Proficiency
ENGLISH	Intermediate Proficiency
HINDI	Intermediate Proficiency