

MOHANKUMAR K

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EDUCATION

B.Tech in Artificial Intelligence & Machine Learning

MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

CGPA: 7.1

📅 Nov 2021 – Present

📍 Puducherry, India

12th standard

SRI SANKARA VIDYALAYA HIGHER SEC SCHOOL

PERCENTAGE: 83%

📅 May 2021

📍 Puducherry, India

High School

SRI SANKARA VIDYALAYA HIGHER SEC SCHOOL

PERCENTAGE: 78%

📅 April 2019

📍 Puducherry, India

SKILLS

Technical Skills:

- ♦ Basic in C
- ♦ Graphic desining
- ♦ Basic in Python

Soft skill:

- ♦ Leadership
- ♦ Quick learner
- ♦ Hard working

WORKSHOPS/INTERNSHIP

Aritificial Intelligence Virtual Internship

IIT- Bombay

📅 2023

LLM & Gen-ai

NIT-Karaikal

📅 2024

PROJECTS

Machine Learing Based on Line follower

- ♦ An autonomous robot with a black line on a contrasting surface is called a line-following robot. It moves automatically and maintains its course by detecting the line with the help of four optical sensors. With the aid of algorithms running on an Arduino Uno, DC gear motors provide smooth travel by controlling steering and motor speed. Control parameters are changed to fine-tune the robot's performance. The distance traveled is displayed on an LCD interface. Examples of applications are tour guides for museums, home aides, and bearers of industrial equipment.

Voice Controlled Home Automation using NLP & AI

- ♦ The purpose of home automation is to enhance our quality of life and make our lives easier. The idea behind smart homes draws on fields like artificial intelligence and natural language processing that are becoming more and more developed. In this case, natural Since language processing (NLP) serves as a bridge between human-machine interaction, it is essential. NLP allows users to command or operate household equipment, even when the commands and requests made by impaired people differ from preprogrammed ones. Natural language processing is one area where AI is used (NLP).

AREA OF INTEREST

- ♦ Machine Learning
- ♦ Software Development

TRAINING/CERTIFICATIONS

Post Graduate Diploma in Computer Application

📅 May 2023

NPTEL

Introduction to Machine Learing

📅 June 2024

EXTRA CURRICULAR

- ♦ Member of IEEE
- ♦ Member of NSS-
Manakula Vinayagar Institute Of
Technology