PAGADALA **Shyam Kumar**

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Education

Koneru Lakshmaiah University (K L University) — *Guntur, India*
MASTER OF COMPUTER APPLICATION (MCA) IN DATA SCIENCE — *Aug 2022 – April 2024*
GPA: 8.25

Kakaraparti Bhavanarayana (KBN) College — *Vijayawada, India*
BACHELOR'S OF COMPUTER APPLICATION (BCA) IN COMPUTER APPLICATIONS — *June 2017 – March 2020*
GPA: 7.52

Technical Skills

PYTHON:
JAVA:
SQL:
HTML:
CSS:

Projects

Mango Detection Using SSD Mobile Net V2

Deep Learning Framework-TensorFlow-GPU 1.14

MANGO DETECTION USING SSD MOBILE NET V2 IS A PROJECT FOCUSED ON DEVELOPING A DEEP LEARNING MODEL TO DETECT MANGOES IN IMAGES USING SINGLE SHOT DETECTOR (SSD) AND MOBILENET V2 ARCHITECTURES. THIS PROJECT INVOLVES COLLECTING A DATASET OF IMAGES OF MANGOES AND TRAINING THE MODEL TO ACCURATELY DETECT MANGOES IN IMAGES. THE PROJECT DEMONSTRATES SKILLS IN COMPUTER VISION, DEEP LEARNING, AND DATA PREPROCESSING. AS A RESULT, THIS PROJECT CAN BE A VALUABLE ADDITION TO A RESUME FOR THOSE LOOKING TO PURSUE A CAREER IN MACHINE LEARNING OR COMPUTER VISION.

Fire Fighting Robot

Ardunio Micro Controller, C Programming Language

A FIRE FIGHTING ROBOT USING IOT IS A ROBOT THAT CAN DETECT AND EXTINGUISH FIRES AUTONOMOUSLY, WITH THE HELP OF INTERNET OF THINGS (IOT) TECHNOLOGY. THE ROBOT IS EQUIPPED WITH SENSORS AND CAMERAS THAT DETECT FIRE AND SMOKE, AND THEN SENDS THE DATA TO AN IOT PLATFORM FOR ANALYSIS. THE PLATFORM CAN THEN ACTIVATE THE ROBOT TO EXTINGUISH THE FIRE USING A RANGE OF TECHNIQUES, INCLUDING SPRAYING WATER OR FOAM. THIS PROJECT DEMONSTRATES SKILLS IN ROBOTICS, IOT, AND MACHINE LEARNING, AND CAN BE A VALUABLE ADDITION TO A RESUME FOR THOSE LOOKING TO PURSUE A CAREER IN THESE FIELDS.

Skills

Problem Sloving

Communication

Creativity

Achievements

Group of Applause, Got a Round of Applause and Inspiring Performance badge from the project for my contribution towards Service Now HackaThon.