PRADEEP VAJRALA

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A competent, and diligent individual seeking an opportunity. Strong willingness to exhibit my proficiency in Analytical tools, Statistics and Computing Methodologies in a professional environment. Being a quick learner, can learn and implement new skills to get useful outcomes.

EXPERIENCE

JANUARY 2022 – ON GOING   **BANGALORE, INDIA**
AI/ML INTERN | *KARMAA LABS*

● Used OpenCV, Python, Django, and Django REST Framework to create a program for detecting poses and was able to achieve with 53.2% minimum visibility and 99.9% maximum visibility under ideal conditions.

● Developed dynamic websites using HTML, CSS, JavaScript, jQuery for front-end and Django, MySQL, and MongoDB.

● Developed APIs using ReactJS for front-end and, for back-end Django REST Framework, Postman, MySQL, and MongoDB.

APRIL 2021 – JUNE 2021   **GURGAON, INDIA**
GRAPHIC DESIGNING INTERN | *MR. MOUSTACHE'S CAKES*

● Worked on variety of projects and media, visualizing, and developing new designs that fulfill corporate objectives utilizing various computer application.

● Worked simultaneously on projects based on workload.

● Analyzed sales data and improved the sales of products and helped in growth of company.

EDUCATION

JULY 2018 – JUNE 2022
B. TECH IN MECHATRONICS | MANIPAL UNIVERSITY JAIPUR

GPA: 8.02/10
- Control Systems
- Embedded System Design

- Signals & Sensors
- Industrial Robotics
- Robot Path Planning and Control
- Artificial Intelligence

Additional coursework: Cybersecurity & Cryptography, Object Oriented Programming, Data Structures & Algorithms

PROJECTS

Title	Description
Covid-19 Data Analysis	Made a data analysis and data visualization project on Covid-19 data to find the areas, locations with less oxygen supply and to provide them necessary oxygen
Robotic arm	Designed a robotic arm to pick and place objects, and to replicate the same positions without any error
Health Monitor	Designed a website which displayed data, recorded by the sensors body temperature, oxygen levels and pulse rate and store them in a database
Speech Recognition using LABVIEW	Designed a system which understands human language and follows the command given by the user like to toggle the switch or to turn led on
Automatic door opener	A door with a sensor attached to it to detect the presence of a person/animal to open the door without us needing to touch the knob

SKILLS

Programming languages	*Software skills*	*Soft Skills*
C, C++, R, Python, SQL, MongoDB, HTML/CSS, MATLAB, ROS, Django, JSON	Microsoft Office, Data Visualization, Data Analysis, Machine Learning, Tableau, API, Git, LINUX, Object Oriented Programming	Adaptability Effective communication Collaboration Persistence Persuasion