



MURALIDAR R R

Computer Science and Engineering

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Education

Year	Degree	Institute / School	CGPA/Percentage
2020 -2023	B.E - CSE	Sri Ramakrishna Engineering College	8.57
2020	HSC	AVB Matric Higher Secondary School	79%
2018	SSLC	Sivasailam Chamraj Higher Secondary School	88.6%

Area Of Interest

- Data Structures
- Cyber Security (Specialization)
- Web Design

Projects

- E-commerce price prediction

MENTOR: Ms.Pavithra, AP/CSE

Ongoing

ABSTRACT: E-commerce platforms have been in existence for more than 2 decades now. Its popularity and its preference as a common choice for buying and selling essential products have grown rapidly and exponentially over the past few years. E-commerce has impacted the lifestyle of common people to a huge extent. Many such platforms are competing with each other for dominance by providing consumer goods at a competitive price. This project aims in predicting the price of commodities on an e-commerce platform using 7 distinguishing factors that can influence the price of a product on an e-commerce platform.

- Hate Content Detection using Machine Learning.

MENTOR: Mrs.Karthinga M, AP/CSE

Jan 2022

ABSTRACT: The primary objective of this problem statement is to explore content on social media platforms that promote hatred. There is a lot of hate content being circulated online on social media platforms that threaten to disrupt harmony in our society and flare up tensions. Such posts could be in the form of text, photos, videos, or audio messages, that evoke anger and hatred, and tend to influence people negatively against something or someone. From a law enforcement perspective, it is critical that such posts are identified quickly so as to prevent untoward law and order problems. To build a solution to automatically identify posts on social media platforms that spread hatred of any kind. The solution identifies all such content and throws an alert if the probability score is beyond a certain threshold.

- E-commerce website for Electronic Stores.

MENTOR: Akash Soni, Associate Instructor, SkillVertex.

Oct 2022

ABSTRACT: An E-commerce website for electronic stores. The customer has to register themselves using the name, number, email, and card details (account number, CVV, expiry date) and create a username and password for login purposes. After the customer has logged in it can view all the products, view details of the products, and buy products using a credit card. The customer can view the cart and also compare the products. After Admin is logged in it can view all orders and accepted orders too. View products and add more products

- **Portfolio Website**

MENTOR: Akash Soni, Associate Instructor, SkillVertex.

Sep 2022

ABSTRACT: A personal portfolio website.

- **Smart glass for the blind using Ultrasonic Sensor.**

MENTOR: Chandana Ramkumar, Electrical Engineer, Caterpillar.

Dec 2020

ABSTRACT: Blind mobility is one of the major challenges encountered by visually impaired persons in their daily lives. Their life and activities are greatly restricted by loss of eyesight. They normally travel using blind navigation systems or by their accumulated memories in their long-term exploration. The main objective of the present work is to develop a low-cost, reliable, portable, user-friendly, low-power, and robust solution for smooth navigation. It has an in-built ultrasonic sensor which is connected to an Arduino. The sensor spreads ultrasonic waves in the direction the person is going by scanning at most 5-6 meters of 30° range. As soon as the obstacle is detected, the sensor detects it and sends it to the device which generates a beep sound using a buzzer.

Technical skills

- **Programming languages:** C, Java, Python*
 - **Web technologies:** HTML, CSS, JavaScript, AngularJS
 - **Database management:** MySQL, MongoDB*
 - **Operating system:** Linux
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Positions of Responsibility

- **Joint Secretary of Free Open-Source Software (FOSS) club, SREC**
 - **Executive member of Quiz club, SREC.**
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Strength

- **Leadership qualities**
 - **Problem-solving**
 - **Adaptability**
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Achievements

- **Manthan 2021: Finalist.**
 - **NCC Best Cadet of the Year - 2017**
 - **State-Level Table Tennis Competition: Qualified for the State level competition by securing the top position in the following stages:**
 1. **Zonal level: Bagged 1st place**
 2. **District level: Bagged 1st place**
 3. **Divisional level: Bagged 1st place**
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Key Courses Taken

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|---|--|
| • Starting with Cyber Security | • Cisco Cybersecurity Expert |
| • Cisco IoT Foundation | • Data Encryption Algorithms |
| • Artificial Intelligence Foundation | • Vulnerability Testing in Cyber Security |
| • Starting with AI | |
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Certifications

- **Introduction to Industry 4.0 and Internet of Things, NPTEL**
- **Fundamentals of Deep Learning, NVIDIA**
- **Web Development Internship, SkillVertex**
- **JAVA(Basic), HackerRank**
- **Python Basics, KAGGLE**

- Introduction to SQL, KAGGLE
 - MATLAB Onramp, MathWorks
 - Cloud Computing Foundation, FutureSkills Nasscom
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Co-Curricular Activities

- Manthan 2021: Finalist.
- Club: Joint Secretary FOSS club. Member of Quiz Club.

Workshops:

- Attended a 2-day workshop on the Fundament of Arrays and Heap conducted by Skillenza.
- Attended a 2-day workshop on the Fundamentals of Deep Learning conducted by NVIDIA.

Hands-on-Training:

- Participated in a 1-day Hands-on Training on Deep Learning.
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Extra-Curricular Activities

- Sports: Winner in Zonal, District, and Divisional level Table Tennis Competition. Participated in State-level Table Tennis Competition. Runners up in Zonal level football competition.
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Personal Details

Date of birth	24-12-2002
Languages Known	English, Tamil
Address	D1/8, Nirmala Nivas Thendral Nagar, 2nd Street, NSN Palayam, Coimbatore - 641031

PLACE: COIMBATORE
DATE:

(MURALIDAR R R)