VAMSHI KUMAR POTTAVARTHI

B.Tech. - Computer Science and Engineering (Data Science)

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CMR TECHNICAL CAMPUS
(Sponsored by CMR Technical Education Society)
UGC AUTONOMOUS
Accredited by NBA & NAAC with 'A' Grade
Approved by AICTE, NEW Delhi and JNTU Hyderabad

BRIEF SUMMARY

A highly skilled and detail-oriented Full Stack Developer and Data Analyst with extensive experience in designing, developing, and maintaining web applications and data-driven solutions.

KEY EXPERTISE

C++ JDBC HTML CSS Python Data Structures SQL DBMS Front-End Web Development Data Analytics

EDUCATION

CMR Technical Campus   2021 - 2025

B.Tech. - Computer Science and Engineering (Data Science) | CGPA: **8.09** / **10**

12th | TSBIE | Percentage: **94** / **100**   2021

10th | BSET | Percentage: **95** / **100**   2019

PROJECTS

HUMAN FOLLOWING ROBOT

Team Size: 3

A robot which can help us in many fields like carrying items, work with more accuracy in lesser time in every kind of works. A robot that can help us in a hospital or bringing medical items in any emergency case will be more helpful for a doctor in emergency cases. This type of robot having so many benefits and it will be helpful in the future. This type of robot can be close to humans is much possible. This useful project is made to attempts to follow the right human or obstacle.

Brain tumor Detection

Key Skills: HTML CSS Deep Learning Machine Learning

Diagnosing a brain tumor takes a long time and relies heavily on the radiologist's abilities and experience. The amount of data that must be handled has increased dramatically as the number of patients has increased, making old procedures both costly and ineffective. Many researchers investigated a variety of algorithms for detecting and classifying brain tumors that were both accurate and fast. Deep Learning approaches have recently been popular in developing automated systems capable of accurately diagnosing or segmenting brain tumors in less time.

Real time emotion detection

Key Skills: Machine Learning Deep Learning Python HTML CSS

Real-time emotion detection using deep learning leverages neural networks to analyze facial expressions, voice intonations, and physiological signals for emotion recognition. This approach enhances accuracy and responsiveness, making it useful in applications like human-computer interaction, mental health monitoring, and personalized customer service.

ASSESSMENTS / CERTIFICATIONS

CODEOHOLICS

Key Skills: C++ Programming

I achieved 2nd place in the Codoholics Arambh event, showcasing my coding skills and problem-solving abilities in a competitive environment.

Excel for beginners

JDBC in Java

SEMINARS / TRAININGS / WORKSHOPS

DEEP LEARNING **Institute Name:** CMR Technical Campus

Key Skills: Machine Learning   Deep Learning   Python   R

The workshop provided a comprehensive introduction to machine learning and deep learning, emphasizing practical applications and hands-on experience. Participants learned about key concepts, algorithms, and tools used in these fields. Through interactive sessions, they gained practical skills in building and deploying machine learning models, with a special focus on deep learning techniques for tasks such as image recognition and real-time emotion detection.

PERSONAL DETAILS

Gender: Male
Marital Status: Single
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