

SHIVAM ARALIKATTI

Data Analyst and Frontend Developer

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SKILLS

Techniques

Data Analytics

Data Visualization

Statistical Data Analysis

Microsoft Office Suite Power BI

Cisco Packet Tracer Pivot Chart

Tools

Python

ML Libraries and algorithms

Deep Learning My SQL C

C++ HTML CSS

Assembly Language R

Bootstrap

CERTIFICATIONS

IBM AI Analyst

VOLUNTEERING

Documentation Head

ASHRAE

As Documentation Head on the ASHRAE's BOD at VIT, I effectively managed documentation responsibilities, ensuring accurate records and contributing to the chapter's operational efficiency. Strengthened leadership and organizational skills while supporting ASHRAE's mission in advancing HVAC&R systems design and construction.

LANGUAGES

English Proficient

Hindi Proficient

Kannada Native

SUMMARY

Dedicated ECE engineer specializing in Python programming, machine learning, and deep learning techniques. Proficient in harnessing data-driven insights to develop innovative solutions. Additionally, skilled in utilizing Microsoft Office Suite for efficient documentation and communication.

EDUCATION

B.Tech - Electronics and Communication

Vellore Institute of Technology, Vellore 2020 2024

Class 12th

KLE Independent PU College, Belgaum 2019 2020

Class 10th

Sri Siddhivinayaka Residential School, Kundapura 2017 2018

EXPERIENCE

Apprenticeship Trainee

National University of Singapore, Singapore 07/2023

Developed a CNN based model for Deep Learning and integrated it in a website along with a chatbot for help and support. Designed and trained multi-layer perceptron and LSTM models with Python, resulting in significant enhancements in the product's accuracy and response time. NLP, ML/DL, Data mining, Generative adversarial networks, N-gram model, and Python programming.

PROJECTS

Sentiment Shaper

10/2023

https://github.com/ShivamAralikatti/Sentiment_Shaper

Executed sentiment analysis through the implementation of Keras library and datasets by machine learning techniques. Created a model to assess and comprehend sentiment in text data, contributing to enhanced understanding of user opinions and feedback.

Pose Perfect

07/2023

<https://github.com/ShivamAralikatti/Pose-Perfect>

This project employs PoseNet, a pretrained CNN model for Pose estimation and correction of abnormalities of poses of the user. This model was then integrated in a self developed website along with a python based Chatbot for Help and Support.

Automatic Room Lighting System using 8051 Microcontroller

08/2022

<https://github.com/ShivamAralikatti/Automatic-Room-Lighting-System-using-8051-Microcontroller>

This 8051 Microcontroller-based project uses Infrared sensors to create an energy efficient room lighting system. It detects human movement, automatically turning lights on or off. Simultaneously, it serves as a bidirectional visitor counter, keeping track of individuals entering and leaving the room.