

Shashank Sharma

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📞 8630950889 @ shrmshashank209@gmail.com

Education

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

BTECH IN COMPUTER SCIENCE

📅 2020-2024

📍 Chennai, Tamil Nadu

SAINT JOSEPH INTERNATIONAL SCHOOL

INTERMEDIATE

📅 2019-2020

📍 Kota, Rajasthan

Skills

PROGRAMMING LANGUAGES AND FRAMEWORKS

Java, Artificial Intelligence, Machine Learning, Data Science, Python Flask.

OTHER TOOLS AND TECHNOLOGIES

Github, Microsoft Office, Git, Postman, Jupyter Notebook, Google Colab, Kaggle, Ai Tools

Achievements

- Co-Wrote chapter 16 (Robots, cyborgs and modern Society: Future of Society 5.0) in the book "Robotic Process Automation" by Romil Ravat.
- Got a gold badge in Java programming on HackerRank.

Extracurricular

CAPTAIN

VOLLEYBALL TEAM OF ST.

JOSEPH'S INTERNATIONAL SCHOOL

Lead my team to win District level competitions

MEMBER

AEROSPACE CLUB, VIT UNIVERSITY

Research on how a rocket engine works and the math behind it.

MEMBER

TABLE TENNIS, KANHA MAKHAN

PUBLIC SCHOOL

Participated in Table tennis competition on behalf of the school.

Experience

INDUSTRIAL CERTIFICATION (ARTIFICIAL INTELLIGENCE ANALYST)

IBM

📅 May 2023 – Aug 2023

- Using IBM Watson and cloud to implement Artificial intelligence.
- Acquired skills in machine learning, Natural language processing, chatbots, and Computer Vision.

Recent Projects

WEBSITE FOR PLANT DISEASE DETECTION SYSTEM

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

📅 Sep 2022 - Nov 2022

📍 Chennai, India

A project under the Vellore Institute of Technology in which I built a plant disease detection system using machine learning (ML) as a backend and flask framework as a frontend. In this scenario, the ML backend will be responsible for processing and analyzing images of plant leaves to identify potential diseases, while the frontend will provide a user-friendly interface for interacting with the system.

AGE AND GENDER DETECTION USING NEURAL NETWORKS

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

📅 August 2023 - November 2023

📍 Chennai, India

A project under the Vellore Institute of Technology in which I Developed a robust age and gender detection system using Convolutional Neural Networks (CNN) and transfer learning with pre-trained models (ResNet50, VGG16, InceptionV3). Engineered data preprocessing, fine-tuning, and model deployment for real-time image-based predictions. Achieved accurate results through comprehensive training on a diverse dataset, showcasing proficiency in computer vision and deep learning.

NEWS SCRAPING, CLASSIFICATION, SENTIMENT ANALYSIS AND SUMMARISATION

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

📅 Jan 2022 - April 2022

📍 Chennai, India

A project under the Vellore Institute of Technology, to classify news according to the sentiment they represent (Positive, Neutral, Negative) using various machine learning algorithms and classify them into the categories they fall into. Finally, for user convenience, I Summarized the news articles using word2vec and seq2seq models. The dataset for the project was scraped using BeautifulSoup library of python.

PHISHING WEBSITE DETECTION SYSTEM

VELLORE INSTITUTE OF TECHNOLOGY, CHENNAI

📅 Jan 2023 - April 2023

📍 Chennai, India

A project under the Vellore Institute of Technology is to train machine learning models and deep neural nets on the dataset created to predict phishing websites. Both phishing and benign URLs of websites are gathered to form a dataset and from them required URL and website content-based features are extracted. The performance level of each model is measured.