

CONTACT

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EDUCATION

MSC DATA SCIENCE (5 YEARS INTEGRATED) 2022 - PRESENT
Coimbatore Institute of Technology
Coimbatore
CGPA: 8.346

CLASS XII (BOARD) 2022
Green Park International Sr Sec
School
Namakkal
PERCENTAGE - 87.2%

CLASS X (BOARD) 2020
The Titan School
Hosur
PERCENTAGE-92.5%

SKILLS

Programming Languages
Python ,SQL, R

Visualization:
PowerBI, Excel

DBMS:
MySQL, PostgreSQL

Frameworks:
Flask,Streamlit

Soft Skills
Communication, Project
Coordination, Critical Thinking &
Problem Solving,

AREAS OF INTEREST

- Data Structures
- Machine Learning,
- Deep Learning
- Data Administration
- Data Analysis

EXTRA - CURRICULARS

SECRETORY -Rotract Club of CIT

THROWBALL PLAYER -Sportst Club
of CIT

SHARON K S

MSC DATA SCIENCE

PROFILE

A motivated, optimistic, and ambitious individual with excellent communication and technical skills, seeking a challenging role in a reputable organization. Committed to contributing effectively to projects while expanding my expertise and achieving mutual growth with the firm.

PROJECTS

AGE AND GENDER DETECTION:

Developed an AI-based system that directly captures images from camera and predicts the user's age and gender using Deep Neural Networks (DNN) and OpenCV. The system processes live facial inputs in realtime to classify demographic attributes accurately . Pretrained models for face detection, age prediction, and gender prediction were utilized in the process.

Tools Used: Python, OpenCV, Deep Neural Networks (DNN), Pretrained Models, NumPy, and Matplotlib.

STORY GENERATOR:

Created a dynamic story generation app powered by the Ollama language model, featuring real-time comprehension questions, a read-aloud option, and PDF downloads. Enhanced user experience with custom styling and seamless interaction via Streamlit.

Tools Used: Python, Streamlit, Ollama, FPDF, gTTS, HTML/CSS for custom styling.

DIABETES PREDICTION SYSTEM:

Developed a diabetes prediction model using SVM, deployed on Azure, featuring Flask backend, HTML/CSS frontend, and GitHub project management.

Tools Used: Python, Flask, Scikit-learn, HTML/CSS for frontend templates.

CERTIFICATIONS

- Microsoft Power BI Desktop for Business Intelligence [Udemy]
- Python Data Structures & Algorithms [Udemy]
- The Complete SQL Bootcamp: Go from Zero to Hero [Udemy]

ACHIEVEMENTS

- Participated in a paper presentation at Kumaraguru College of Technology, Coimbatore.
- Secured 3rd place in “HACKERWAY HACKATHON” conducted by CIT, Coimbatore.