**SANTHANAM P**

**PROFILE**

To work in a learning and challenging environment of a progressive firm, utilizing the best of my ideas, skills and knowledge with creativity and contribute positively to the growth of organization as well as to personal growth. Capable of mastering new technologies with compassion and dedication.

**EDUCATION**

* **Integrated MSc Data Science**

**CGPA – 7.4 / 10 2018-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 85.33% **2019**

Institution: Saraswathi Vidyanikethan Public School

* **Class 10** – 96.6% **2017**

Institution:

**PROJECTS**

**CycleGAN implementation on cross-modality transfer between Magnetic resonance image (MRI) and Computed tomography (CT) images**

Generated synthetic MRI images from CT images and

vice versa, based on CycleGAN, using unpaired data.

Recieved optimal metrics values from generated MRI

from CT and original MRI after prediction and vice

versa.

**Speech Emotion Recognition: Machine Learning Model**

Objective was to recognize emotion from audio files. Made use of soundfile library and Librosa to read and extract features from sound file.

Used MLPCLassifier and Machine Learning models for prediction and accuracy.

**TECHNICAL SKILLS**

Python   
Machine Learning

Computer vision   
Deep learning   
Flask   
SQL

R programming

C programming

**INTERNSHIP**

**Data Science intern,** Lognormal Analytics

Improve the operational efficiency of Business

firms from UK. Automated prediction models for

KPIs to interpret actionable insights of how future

business might turn out to be.

**Junior AI Engineer,** Unikul Solutions Pvt Ltd

Successfully deployed a Facial Recognition based

Attendance system for office using Python Flask web app. Used InsightFace library and SVM model for identifying faces. Could achieve an accuracy of 98% in the model deployed in the office.

**CERTIFICATIONS**

**Machine Learning Internship certificate** *Feynn Labs services.*

**Global Internship Program** *Takenmind*

**LANGUAGES**

English   
Malayalam   
Hindi (basic)   
Tamil