**Shreenidhi H**

**EDUCATION**

* **Integrated M.sc Data Science**

**CGPA – 8.0 / 10**

Amrita Vishwa Vidyapeetham

* **Class 12** – 93%

Institution: Virudhunagar T.S.M. Manickam Nadar Janaki Ammal Higher Secondary School

* **Class 10** – 83%

Institution:

**TECHNICAL INTERESTS**

Machine Learning   
Deep Learning

**PROJECTS**

**Emotion Detection using ConvNets**

Using CNN designed an efficient real world model for Intelligent monitoring of feedback

angry,neutral,surprise and gives feedback to other players.

**Predictions of Human Activity Recognition**

Using Machine Learning algorithms tried classifying the activities of humans who were performing activities of daily living (ADL) while carrying a waist-mounted smartphone. Aim was to classify into 6 categories.

**Brain tumor Detection**

Using Deep Learning detected Brain tumor and classified them as normal and abnormal tumor image. This would further help the doctors in helping the patients .

**Badminton Player's Position Analysis**

Using object detection ,action recognition .An end to end framework for autonomous analysis of Badminton broadcast videos .Helps the coach to track opponent players movement and help home team win

**Aadhar card big data**  
Used Aadhar card dataset to solve queries using Hive,Pig,Mapreduce and MongoDB.

**TECHNICAL SKILLS**

Python, Hive, Hadoop, Pig, MongoDB, nltk, tensorflow

**INTERNSHIP**

**Applied Machine Learning And Data Science   
Internship**IIT KANPUR

Got a great insight into AI in Data Science Acquired the depth of Machine Learning, Deep Learning

Building Data Models in Object Classification   
Insights into Audio Classification Models and NLP

**CERTIFICATIONS**

NPTEL course and Exam - Python For Data Science

Coursera course in Deep Learning Fundamentals

Coursera course in Neural Networks and Deep Learning

Coursera course in Natural Language Processing with Classification and Vector Spaces

**LANGUAGES**

English, Hindi