



Hari Sankar

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📍 Trivandrum, Kerala, India

📅 01/06/2003

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Professional Values

Complex Problem-Solving

The skill of analyzing intricate problems and devising comprehensive solutions.

Cognitive Flexibility

The capability to shift between different tasks, ideas, and perspectives with ease and openness

Systems Thinking

Seeing the big picture and understanding the interconnectedness of various elements in complex systems

Growth Mindset

Having a mindset that views challenges as opportunities for growth and learning, and the willingness to continuously improve

Time Management

The ability of efficiently create time for all the activities of passion

Leadership Roles

ACM mentor

2023 – present

ACM AI

Amritapuri, India

Mentor in the Intercampus Artificial Intelligence Club organized by the Association of Computer Machinery

Projects

Brain Analysis using GNN

present

Using GNN to parcellate Rat brain data.

Automating AI

Contributed to building a system for automating the creation of ML models.

Text Generator using NLP and RNN

Using AI to Generate text similar to Shakespeare's literatures

Using Computer Vision to detect Sign languages

Using CNN to detect multiclass Indian sign languages

Language Conversion using AI

Using the concepts of transformers and using an encoder-decoder to build a translator between two languages

Air quality predictor

Using various ML algorithms to accurately predict air quality using air data

Vision Bot using Raspberry pie and AI/ML

Using computer vision and hardware to build a wheeled robot with object detection for exploratory and rescue purposes

Pneumonia detection system using AI

Building an AI model using CNN and Transfer Learning for efficiently detecting pneumonia in patients using chest X-ray images

Cancer Predictor AI model

Using various ML and AI concepts to built a prediction model for breast cancer

Digit Recognizer using CNNs

Using the powerful concepts of CNN and computer vision to detect Digits

Multi user chat application

Contributing to a multi-user chat application done with socket programming with an attachment of Advanced Encryption System (AES)



Awards secured

Gold medal winner for academic excellence

2022

Amrita Vishwa Vidyapeetham

Award is given by the institution for showing excellence in academics throughout a year.



Educational Qualifications

BTECH in CSE specialized in AI and ML

Amrita Vishwa Vidyapeetham

Current CGPA - 9.65

2021 – present

Amritapuri, India

Higher Secondary education

Amrita Vidyalayam

Education completed in Computer science with Mathematics along with other common subjects.

Percentage at completion - 93.5%

2019 – 2021

Trivandrum, India

Secondry Education

Amrita Vidyalayam

Percentage at completion - 95.8%

2019

Trivandrum, India



Certifications

Cisco data science certification

Certification from cisco for completing the introduction to data science course

Data Science Certification from freecodecamp

Data science coding certificate from the open source community of freecodecamp



Technical Skillset

Natural Language Processing

Computer Vision

Machine Learning

Deep Learning

Data Analysis

Basic Networking

Basic Operating Systems



Programming Skillset

- Python
- Tensorflow
- Numpy
- C
- Robotic Operating System (ROS)
- HTML CSS

- Java
- Pandas
- Matlab
- Hadoop and Big Data frameworks
- Django
- Basic JavaScript