S.Hariharasubramaniam

📍 Trivandrum, India   📞 +91 9446479094

✉ hariaum2003@gmail.com   ⓞ ig-BaymaX

in s-hariharasubramaniam

PROFILE

A **multi-faceted** individual with strengths in **technology, arts(carnatic music & veena)**, **academics**, **sports(badminton)** and **athletics**. Recognized for creative flair and academic excellence, with proficient public speaking skills. Renowned for adaptability and quick learning. Fueled by a passion for web development and AI, constantly exploring and embracing emerging technologies.

EDUCATION

Bachelors in Artificial Intelligence, *Amrita Viswa Vidyapeetham, Amritapuri*   2021 Sep – present
Current CGPA:- 8.75   Kollam, India

Higher Secondary Education, *Chinmaya Vidyalaya, Kunnumpuram*   2019 Jun – 2021 Jun
Marks:- 96% (Class 12)(ISC)   Trivandrum, India

High School Education, *Chinmaya Vidyalaya, Kunnumpuram*   2016 Jun – 2019 Mar
Marks:- 93% (Class 10)(ICSE)   Trivandrum, India

MEMBERSHIPS

HAI Research Club, *Amrita Viswa Vidyapeetham*   2023 Aug – present
Karunagapally, India

ACM Student Chapter, *Amrita Viswa Vidyapeetham*   2023 Mar – present
Karunagapally, India

INTERNSHIPS

AI/ML intern at Zoho Corporation, Chennai   2024 Aug – 2024 Sep
The task was to come up with a deep learning architecture that could predict churn using user and transaction data to help the company take proactive measures for business profitability.   Chennai

PROJECTS

SEPSIS PREDICTION   2024 Feb – present
To develop an interactive tool to be installed in the ICUs to predict the onset of sepsis using AI.

SUMMAREASE, *Lecture Summarizer*   2023 Dec – 2024 Jan
A lecture summarizer for both audio and video lectures leveraging openai's powerful **whisper** model and google's transformer-based **pegasus** model for text summarization.
Tech Stack:- Next JS, Tailwind CSS, FastAPI.

BRAIN TUMOUR PREDICTION   2023 Nov – present
- To create an automated pipeline for the entire preprocessing procedure of the DICOM images till classification.
- To create a doctor-friendly design for a DICOM viewer tool so as to process MRI images and classify brain-tumors.

NETWORK SCANNER, *For Amrita Institute of Medical Sciences(AIMS)* 2023 Sep – present
A desktop app which will scan and get the details of all the devices connected to a network.
Tech stack:- React, Electron JS, PostgreSQL, FastAPI.

SLEEP APNEA DETECTION USING ECG, 2023 Aug – 2024 Feb
For Amrita Institute of Medical Sciences(AIMS)
Cost-effective sleep apnea detection system using real-world ECG data from AIMS.
Tech stack:- ReactJS, Python, FastAPI, Streamlit.

To-do web app, *(personal project)* 2022 Nov
Simple and efficient to-do app to manage our todos.
Tech stack:- ReactJS, TailwindCSS, Firebase.

TECHNICAL SKILLS

- Python
- Java
- Matlab
- Tensorflow
- React JS
- Next JS
- HTML, CSS(Tailwind)
- Figma
- PostgreSQL
- MongoDB
- Firebase
- Da Vinci Resolve
- Audacity

SOFT SKILLS

Communication

Presentation skills

Team player

Time-management

COURSES

Introduction to Deep Learning in Python, *DataCamp*

Introduction to TensorFlow in Python, *Datacamp*

VOLUNTEERING ACTIVITIES

YUVAM'23 2023 Apr
Volunteered in an event held at the Lake View Ground Sacred Heart College, Kochi, India where our honorable Prime Minister, Shri Narendra Modi, addressed the youths of the nation.

SOCIAL OUTREACH

AI Amplified, *Student Social Responsibility(SSR) Project* 2023 Oct – 2023 Dec
Conducted an interactive session with the students of GVHS Karakulam, Trivandrum. Trvandrum, India
We elucidated the prospects of AI in modern world and conducted a hands-on session on prompt engineering.

AWARDS

First prize in Rock band music at NAKSHATRA'24 - National Level Techno-Cultural Fest, *Saint Gits College of Engineering, Kottayam* 2024 Mar

Finalist of Smart India Hackathon 2023 Dec

First prize in Inter-Campus Non-Percussion Instrumental Music, 2023 Mar
Amrita Vishwa Vidyapeetham, Amritapuri

LANGUAGES

- English, Tamil, Malayalam and Hindi - Proficient