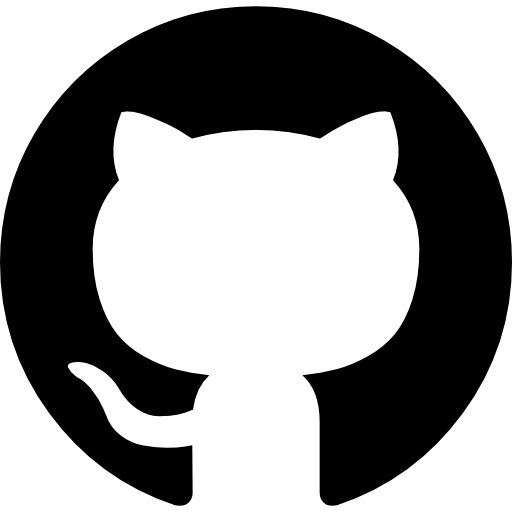
**Adithya S Nair**

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[Linkedin](https://www.linkedin.com/in/adithya-s-nair/) [Github](https://github.com/ADITHYASNAIR2021)

**Education**

**AMRITA VISHWA VIDYAPEETHAM** Amritapuri, Kollam

B-Tech, Computer Science with Artificial Intelligence, Semester 5 March 2025

Cgpa: 8.32

**SREYAS PUBLIC SCHOOL** Ponkunnam, Kottayam

12th percentile: 87% March 2020

10th percentage: 88% March 2018

**Leadership Experience**

**ACM Students Chapter** Amritapuri, Kollam

**Chairperson**  May 2023 – Continuing

* Developing and executing chapter programs.
* Scheduling executive committee and council meetings.
* Successfully organized two workshops and currently working on an event management website for ACM and the School of Computing at Amrita College.

**ACM Students Chapter** Amritapuri, Kollam

**AI-Club, Mentor**  September 2022 – Continuing

* Mentored and guided AI-Club members in projects and learning and organized AI and Machine Learning workshops.
* Collaborate on event planning and execution.

**Projects**

[Deep Learning-Based Classification of Dementia Stages Using Brain Images](https://adithyasnair-alzheimers-prediction-using-cnn.hf.space/) July 2023

* Trained using CNN, Predicts 4 stages of Dementia with 99% accuracy using brain MRI Images.

Skills: Deep learning, Gradio, HuggingFace, Tensorflow

[Disease Prediction Hub](https://github.com/ADITHYASNAIR2021/Disease-prediction-hub) (Hackathon) November 2022 - Continuing

* Uses AI and Machine learning to predict the onset and severity of various diseases like Breast cancer, Stroke and Heart failure.

Skills: Machine learning, Gradio, HuggingFace, Scikitlearn, Matplotlib, Pandas

[Involvement of AI in IVF](https://github.com/ADITHYASNAIR2021/The-involvement-of-AI-in-IVF) February 2022

* AI is used in the selection of better-quality embryos for implantation, and How AI can be used in the IVF Industry

Skills: Research, Qualitative analysis

[AI hacks for good (Hackathon)](https://github.com/ADITHYASNAIR2021/AIHacks4Good_Diabetes_Prediction) October 2022

* Created ML models for predicting the Onset of Diabetes.

Skills: Machine learning, Gradio, HuggingFace, Scikitlearn, Matplotlib, Pandas

[Incode Hackathon](https://github.com/ADITHYASNAIR2021/got_gps_located/tree/main) July 2023

* Creating an ideal ride-hailing experience website for Indrive.

Skills: Fullstack development, Django, Html, CSS, GitHub.

Ibento (Group Passion Project) May 2023 - Continuing

* Creating an Event management website for the college and Club.

Skills: Backend development (Django), Html, CSS, GitHub.

[Autonomous Fire Extinguisher](https://github.com/ADITHYASNAIR2021/Autonomous_Fire_extinguisher) June 2023 - July 2023

* B-type Fire extinguishing robot, having 3 flame sensor and 1 IR temperature sensor, Navigates towards the flame and extinguishes it.

Skills: Arduino Coding, IoT hardware configurations.

**Research Projects**

* Neurovascular Mapping of the Human Brain.

Guided by Dr Amitava Mukherjee and Dr Georg Christoph Gutjahr (Amrita Vishwa Vidyapeetham)

* Robustness of Photo Response Non-uniformity based Camera identification.

Guided by Dr Nimmy K (Amrita Vishwa Vidyapeetham)

* Implementation of Intelligent Tutor System in Rural areas of India.

Guided by Dhivvya J P (Amrita Vishwa Vidyapeetham)

**Professional Values**

Diversity | Continuous Learner | Initiator | Adaptable | Results-Oriented | Integrity | Leadership

**Skills**

**Programming Languages:** Python | Java | Matlab | Html | CSS

**Frameworks:** Django | React | Gradio

**Artificial Intelligence:** TensorFlow | Scikit learn | Pandas | Numpy | Matplotlib | Seaborn | HuggingFac

**Online Labs:** Google colab | Anaconda | Github | Jupyter Notebook

**Courses and Certifications**

**Professional Certificates:**

* Kaggle - [Intro to Deep Learning](https://www.kaggle.com/learn/certification/adithyasnair123/intro-to-deep-learning) | [Intermediate Machine Learning.](https://www.kaggle.com/learn/certification/adithyasnair123/intermediate-machine-learning) | [Computer Vision](https://www.kaggle.com/learn/certification/adithyasnair123/computer-vision)
* Cisco - [Intro to Cyber Security](https://github.com/ADITHYASNAIR2021/Achievements/blob/main/ADITHYAS%20NAIR-India_Internship-certificate-Cybersecurity.pdf) | [Cyber Security Essentials](https://github.com/ADITHYASNAIR2021/Achievements/blob/main/Cybersecurity_Essentials_Badge20230616-28-bp785k.pdf).

**AI-Related Course Work:** MIS | Intelligence of Biological Systems | Python for Machine Learning | ROS

**Core Course Works:** DAA | DSA | OS

**Activities and Volunteering**

**AMRITA VISHWA VIDYAPEETHAM**  Amritapuri, Kollam

**Vidyut, Executive member 2023**  May - 2023

* My duty involved managing accommodation arrangements for participants, ensuring their comfort, coordinating with hostels, organising check-ins, and addressing concerns

**AMRITA VISHWA VIDYAPEETHAM**  Amritapuri, Kollam

**ICPC, Asia West Regionals Contest 2022**  April - 2023

* Assisted in organising and running the Competition, This experience helped me develop strong organisational and communication skills while gaining valuable insights into event management

**Languages & Interests**

**Languages:** English (Full professional proficiency)

Malayalam (Native or bilingual proficiency)

Hindi (Professional working proficiency)

**Interests:** Artificial intelligence, Predictive Analysis, Data Analysis, IoT.