

ATHUL GIREESH



Sreegiri, North Aryad P.O, Alappuzha



+91 6282519619



athulg2002@gmail.com



[Linkedin-Profile](#)



[Github-Profile](#)



EDUCATION :

Amrita Vishwa Vidyapeetham, Kollam, Kerala : 2021-Present

- B-Tech Computer Science specialized in AI and ML
- Semester 5 CGPA : 8.5

K E Carmel Central School, Muhamma, Alappuzha : Grades 1-12

- 10th marks : 90 % (2017 - 2018)

PROJECTS :

Group Project - Deep Learning-Based Classification of Dementia Stages Using Brain Images : (July 2023)

- Predicts 4 stages of Dementia with 99% accuracy using brain MRI Images.
Skills: Deep learning, Gradio, HuggingFace, Tensorflow

Group Project - Disease Prediction Hub : Nov 2023 - Present

- ML model to predict the onset and severity of various diseases like Breast cancer, Stroke and Heart failure.
Skills: Machine learning, Gradio, HuggingFace, Scikitlearn, Matplotlib, Pandas

Group Project : Involvement of AI in IVF : (Feb 2022)

- Made report on how 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

Group Project - Autonomous fire extinguishing robot : (July 2023 - Aug 2023)

- B-Type fire extinguishing robot that can navigate and extinguish fire
Skills: Arduino Coding, IoT hardware configurations.

Personal Project - Football-related Visualization and Analysis : (Aug 2023 - present)

- A Football related project aimed to automatically visualise and analyse a player given all stats of the player
Skills: Machine learning, Gradio, HuggingFace, Scikitlearn, Matplotlib, Pandas

Group Project - ibento: An event management portal : (May 2023 - present)

- An event management portal using Django as backend
Skills: Backend development (Django), Html, CSS, GitHub.

Research Project - Brain Analysis using GNN : (June 2023 - present)

- under Dr. Amitava Mukherjee and Dr. Georg Christoph Gutjahr.

Research Project : Implementation of Intelligent Tutor System in Rural areas of India : (July 2023 - present)

- Guided by Dhivya J P

HACKATHON :

AI Hacks for Good, 2022

- Build machine learning model for predicting the onset of diabetes

Reva Hack, 2022

- Build a machine learning model for predicting the onset of different diseases

Incode Hackathon, 2023

- Bequem Voyage: A ride-hailing app prioritizing user comfort and reliability using technology.

SKILLS :

- ✓ **Programming Languages/Tools:** Python, Java, Matlab, Dart, ROS, Hadoop
- ✓ **Web Development:** HTML, CSS, Django
- ✓ **Artificial Intelligence:** TensorFlow, scikit-learn, Pandas, NumPy, Matplotlib, seaborn
- ✓ **Soft Skills :** Teamwork: Adaptability, Leadership, Continuous Learning, Initiative

COURSES AND CERTIFICATIONS :

Professional Certifications:-

- Kaggle – [Intermediate Machine Learning](#)
- Kaggle – [Pandas](#)
- Cisco - [Packet Tracer](#)
- Cisco - [Intro to IoT](#)
- Cisco - [Cyber Security Essentials](#)

Relevant Courses:-

- Intelligence of Biological Systems – AI in Bioinformatics (deep learning basics)
- Python for Machine Learning
- Design and Analysis of Algorithms
- Data Structures and Algorithms
- Robotic Operating Systems and Robot Simulation
- Introduction to Computer Networks
- Operating Systems

LEADERSHIP :

Creative Manager, ACM Student Chapter, Amritapuri

- Creative Manager of ACM Student Chapter, Amritapuri

VOLUNTEERING :

ICPC '22 South Asia Regional Finals

- 52 year old International coding contest conducted by ICPC Foundation

Algo-Queen '23

- Girls coding contest conducted by Amrita Vishwa Vidyapeetham, Amritapuri, sponsored by IBM Quantum and recognized by ICPC Foundation

Vidyut '23

- National level multi-fest conducted at Amrita Vishwa Vidyapeetham, Amritapuri

LANGUAGE :

- English (Full professional proficiency)
- Malayalam (Native or bilingual proficiency)
- Hindi (Professional working proficiency)

Interests : Artificial Intelligence, Deep learning, Machine learning, IOT, Cyber Security, Robotics