

HARISH BALAJI B

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OBJECTIVE

Enthusiastic and dedicated AI undergraduate student with a passion for leveraging cutting-edge technologies to solve complex problems. Seeking internship opportunities to gain hands-on experience in the field of artificial intelligence and contribute to innovative projects.

EDUCATION

B. Tech. in Computer Science and Engineering (Artificial Intelligence) 2021 - 2025
Amrita Vishwa Vidyapeetham, Coimbatore

AISSCE 2019 - 2021
Maharishi Vidya Mandir, Coimbatore

TECHNICAL SKILLS

- **Languages:** Python, Java
- **Machine Learning and AI Frameworks:** TensorFlow, OpenCV, Scikit-Learn, PyTorch
- **Deep Learning:** Neural network architectures (CNNs, RNNs, etc)
- **Data Manipulation and Databases:** SQL, NoSQL
- **Problem Solving:** Algorithm design and analysis, Debugging and troubleshooting skills
- **LaTeX Typesetting**

SOFT SKILLS

- Communication Skills
- Problem-Solving
- Adaptability
- Time Management
- Teamwork and Collaboration
- Critical Thinking
- Creativity
- Conflict Resolution

HACKATHONS

CODE BOT 27th April 2023 - 29th April 2023
Anokha *Amrita Vishwa Vidyapeetham*

- Participated in the Hackathon which was part of the tech-fest Anokha.
- Did a chatbot on a chatbot based on OpenAI api, Streamlit and streamlit chat which focuses mainly on Energy Conservation.
- Got shortlisted to be on the hackathon website.
- **CODEBOT**
Project Name: Renewable Energy

PROJECTS

- **Energy Chatbot**
A chatbot based on OpenAI api, Steamlit and steamlit chat which focuses mainly on Energy Conservation.
- **Autonomous Parking System using TurtleBot3 Waffle**
Autonomous Parking System developed using ROS2 Humble. The system utilizes ROS2 as the framework for communication and coordination between various components, enabling a robust and efficient solution for automated parking
- **Phylogenic trees**
A python program creating phylogenic trees using ete3 module
- **Raspberry pi 3 Based Line Follower Robot**
The Line Follower Robot using Raspberry Pi 3 and L298N motor is a project aimed at developing an autonomous robot capable of following a line on a track.

CERTIFICATIONS

- Ongoing certification on **Neural Networks and Deep Learning** from **DeepLearning.AI** .
- Anokha CodeBot.
- **Energy Literacy Training** from **Energy Swaraj Foundation**.