Niranjan

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Skills

Web Development: Flask, Django, HTML, ReactJS
Machine Learning: Keras, TensorFlow, FastAI
Programming Languages: C/C++, PHP, Python, JavaScript, SQL
Technologies & Tools: EC2, Hive, Firebase, Docker

Internships

- Artificial Intelligence by Acmegrade
- AI-ML Internship by IBM SkillsBuild

Education

2023 – 2025, M.Sc. Computer Science with Specialization in AI, **CUSAT**, GPA: 9.14 / 10

2019 – 2023, BSc. Physics, **University of Calicut**, CGPA: 6.24 / 10

Project Work

- **AI Based Social Interaction Trainer (Minor Project, 2024):** Leading a team to develop a multimodal analysis model using **TensorFlow** and **Keras**, aiming to achieve comprehensive sentiment analysis. This ongoing project is expected to result in a groundbreaking training platform that enhances social interaction skills in education, professional development, and interview preparation.

- **StethoSense (St.Joseph's College, Devagiri Hackathon, 2024):** Managed a team to develop a centralized health records system using **Django**, **TensorFlow** and **Keras**. Enhanced healthcare efficiency and patient safety by leveraging AI to improve data accessibility and accuracy, providing personalized tips and recommendations for better patient outcomes.

- **FinWise (Kochi Hackathon, 2024):** Worked on a financial advisor application during a hackathon, featuring insurance, tax planning, and budgeting tools. Created an AI model using **CNN** with **TensorFlow** for stock recommendations, aiming to improve financial decision-making for users.

- **EcoBins (Personal Project, 2024):** Developing a waste management app using **React**, **Flask** and **Firebase** that coordinates waste pickup and disposal, spreads awareness on recycling and upcycling, and provides a platform for trading upcycled products. Implementing AI models using **FastAI** to measure key ecological metrics and provide recommendations for improving scores, continuously refining and expanding the app's capabilities.

Awards and Certificates

- Getting Started with Artificial Intelligence by IBM SkillsBuild