Habishath Thavachelvan

SOFTWARE ENGINEER

CONTACT

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📍 Jaffna.

EDUCATION

BSc (Hons) in Computer Science with a specialization in Artificial Intelligence

University of Kelaniya

2021 - Present

G.C.E. Advanced Level

Jaffna Hindu College

2011 - 2019

SOFT SKILLS

- Problem solving Time
- management
- Collaboration
- Critical Thinking
- Communication

TECHNICAL SKILLS

- Python
- Django
- MySQL
- MongoDB
- GitHub
- Java
- Spring Boot
- Oracle

PROFILE

As an aspiring AI/ML and full stack developer, I bring hands-on experience in software project development. Proficient in Java, Python, and C#, with strong problem-solving skills, I'm eager to leverage my abilities to contribute to innovative software solutions in both AI/ML and full stack development.

EXPERIENCE

Tublian Open Source Internship

From March 2024(4 weeks internship)

PROJECTS

Chatbot

- **Self-learning project**
- Technology Stack: Python, Conda, OpenAI API, Huggingface API
  I developed a contextual chatbot solution. Utilizing Python programming and APIs from OpenAI and HuggingFace, I spearheaded the integration of TruLens for sophisticated evaluation. The project focused on optimizing the chatbot's
- performance through real-time tracking and iterative improvements.
  GitHub Link - https://github.com/habishath/trulens-chatbot

Emotion detection using facial images

- 3rd year academic group project
- Technology stack - Python, Django
- Utilized Convolutional Neural Network (CNN) for effective emotion detection. Collaborated within a group setting to develop a facial emotion detection system using advanced image processing techniques.
- GitHub link -https://github.com/habishath/Emotion-detection

Airline reservation system

- 2nd year academic group project
- Technology stack - Java, Springboot
- Spring Boot airline reservation system lets users search flights & make reservations. Backend uses Spring Data JPA to manage flights, passengers & reservations in a database. REST API allows users (or apps) to interact with the system.
- GitHub link -https://github.com/ImeshaDilshani/Airline-Reservation-Management-System

EXTRACURRICULAR ACTIVITIES

- **Scouts**: Organized and participated in camping trips, hikes, and community service projects. Developed leadership skills through participation in group activities.

- **St. John Ambulance Club:** Achieved first aid certification and actively participated in providing first-aid support at school events.

REFERENCE

Muditha Tissera, PhD
Senior Lecturer
Department of Software Engineering
Faculty of Computing and Technology
University of Kelaniya
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