Sujeeth Muruganandam

US Citizen | muruganandamsujeeth@gmail.com | LinkedIn - **Sujeeth Muruganandam**

Experience

Student Assistant: **Office of Information Technology (UHCL)** Houston, TX 8/2021 - current

- Maintained a network of over 100 computers across campus, enhancing system performance and reducing system downtime.
- Executed thorough testing on campus-wide equipment to proactively prevent technical issues and to ensure optimal performance, ensuring uninterrupted support for classes and academic operations.
- Assisted over 200 students with software guidance and technical troubleshooting, prompting a collaborative and efficient learning environment.
- Enhanced IT operations by contributing to software updates, network maintenance, and implemented new technology initiatives, improving overall efficiency.

Projects

AI Resume Coach Agent: Built a local AI assistant using **Python**, **LangChain**, and **LLMs (Ollama)** to review resumes and deliver personalized feedback. Designed for fast, private, offline usage with structured prompts and intelligent analysis.

Smart Inventory Replenishment System: Built a full-stack inventory web app using **Python**, **Flask**, and **SQLite** to simulate warehouse management. Features include **product search**, **low-stock detection**, and **add/edit/delete** functions using core **data structures and algorithms**.

AI Tic-tac-toe: Developed in **python** using **Pygame** with ai difficulty levels and player vs player feature. The program runs in a main file where the screen is displayed, and the game loop runs and a secondary file where the Tic-tac-toe either is played on player vs player or ai vs player.

Personal Portfolio Website: Designed and developed a responsive portfolio website using **HTML** and **CSS** to showcase personal projects, skills, and experiences. Features clean UI, contact section with icons, and hosted using GitHub Pages for easy access and visibility.

Education

Bachelor: Major in Computer Science

University of Houston Clear Lake   Houston, TX, 8/2021 - current

San Jacinto   Houston, TX, 6/2023 - 2024

Skills

Technical skills: Python, Java, Flask, SQLite, HTML/CSS, Git, Render, LangChain, LLMs (Ollama)

Excel, Power Point, Problem Solving, Critical Thinking, Adaptive Person, Communication, Team Player, Computer Skills, Microsoft Skills, Bilingual: Tamil and English