Sujeeth Muruganandam

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Experience

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

- Maintained a network of over **100 computers** across campus, enhancing system performance and reducing downtime.
- Executed thorough testing on campus-wide equipment to proactively prevent technical issues and ensure optimal performance.
- Assisted over **200 students** with software guidance and technical troubleshooting, fostering a collaborative learning environment.
- **Enhanced IT operations** by contributing to **software updates**, **network maintenance**, and the implementation of new technology initiatives, improving overall **efficiency by 10–15%**.

Projects

AI Resume Coach Agent — Built a local-first AI web tool using **Python, Flask**, and **Ollama (LLMs)** to analyze resumes and deliver structured feedback. Includes PDF upload, job-tailored insights, **Markdown export**, and animated UI with caching.

Smart Inventory Replenishment System — Developed a full-stack inventory web app using **Python, Flask**, and **SQLite**. Includes product search, low-stock detection, and full **CRUD** functionality using core **data structures and algorithms**.

Minimax AI Tic-Tac-Toe — Built using **Python** and **Pygame** with **Minimax AI** difficulty levels and player vs player functionality. Separates display logic and game logic across modular files.

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.

Skills

Languages: Python, Java, HTML, CSS, SQL

Frameworks & Libraries: Flask, Pygame, LangChain

Tools & Technologies: Git, GitHub, SQLite, Render, Ollama (LLMs), Excel, PowerPoint, Visual Studio Code, Formspree

Web & Cloud Technologies: GitHub Pages (static hosting), REST APIs (basic), Responsive Web Design

Soft Skills: Problem Solving, Critical Thinking, Adaptability, Communication, Team Collaboration

Languages Spoken: English, Tamil

Education

Bachelor: Major in Computer Science

University of Houston Clear Lake: 8/2021 - current

San Jacinto: 6/2023 - 2024