

# 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 **500 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%**.

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## 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 **HTML5** and **CSS3** to showcase personal projects, skills, and experiences. Features clean UI, contact section with icons, and hosted using **GitHub Pages** for easy access and visibility.

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## Skills

**Languages:** Python, Java, C#, HTML, CSS, SQL

**Frameworks & Libraries:** Flask, Pygame, LangChain

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

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

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

**Cloud:** Microsoft Azure Fundamentals (AZ-900)

**Certifications:** Junior Cybersecurity Analyst Career Path by **Cisco**

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## Education

**Bachelor: Major in Computer Science**

*University of Houston Clear Lake:* 8/2021 - current

*San Jacinto:* 6/2023 - 2024