Sanjith Sivajilingam

LinkedIn | sivajilingam.sanjith@gmail.com | sanjithsivajilingam.github.io | GitHub

SUMMARY OF QUALIFICATIONS

- Adept in applying object-oriented programming concepts and software development fundamentals using Java.
- Experienced in efficiently manipulating and querying relational databases using MySQL.
- Well-versed in the software development life cycle and proficient in using Unified Modeling Language (UML) to visualize and communicate software system structures and behavior.
- Strong problem-solving skills and collaborative mindset, adept at analyzing complex issues and working effectively within cross-functional teams to deliver innovative software solutions.

TECHNICAL SKILLS

- Programming Languages: Java | MySQL | HTML | CSS | JavaScript | C | React | Assembly Language
- Other Software: Git | Vite | MATLAB | Altera Quartus II | Microsoft Office | Google Suite

EXPERIENCE

Web Developer **The Good Guides** *Scarborough, ON, CA* **06/2023 – Present**

- Redesign and modernize the existing non-profit organization website, leveraging Figma to create visually appealing and user-friendly designs that align with the organization's goals and target audience.
- Collaborate with a partner developer and communicate with the non-profit team to develop website new features aimed to achieve a 50% increase in site visits and a 25% improvement in viewer retention rates.
- Cooperatively contribute to website design, development of sitewide navigation, information architecture, and user experience to ensure an intuitive interface and seamless access to relevant content.

Merchandise Associate **Home Depot** *Scarborough, ON, CA* **07/2022 – 09/2022**

- Collaborated with team members to create visually appealing product displays and tackle other tasks that contributed to an increased profit margin by an average of 13%.

ACADEMIC PROJECTS

Portfolio Website (HTML/CSS/JavaScript/Git) **2023**

- Designed a visually captivating and user-friendly portfolio website using Figma showcasing my work.
- Hosted my portfolio website on GitHub Pages, enabling easy access and visibility for potential viewers.

StudentConnect (JavaScript/HTML/CSS/React/Vite/Git) **2023**

- Collaborated with a team of 4 peers to participate in Devpost's Treasure Hacks 3.0 hackathon, where we brainstormed, designed, and developed a solution to address the pressing issue of academic setbacks and communication challenges faced by students during the COVID-19 pandemic.
- Contributed to the development of an engaging website aimed at helping students reconnect with their peers and providing interactive tools to enhance academic productivity in a fun and intuitive manner.

Database Management System (MySQL/Git) **2022**

- Designed a medical clinic database management system on Oracle SQL Developer with a team of 3 peers.
- Implemented an ER model diagram to visually represent the relationships between various unique entities.
- Created and populated tables, while designing and executing multiple complex queries and joins to ensure efficient data management and retrieval within the medical clinic database system.

Bookstore Application (Java/JavaFX/Git) **2022**

- Collaboratively developed an interactive GUI digital bookstore application with a team of 4 peers.
- Implemented various diagrams such as a state design pattern and UML diagrams such as class and use case.
- Created administration and customer interfaces with corresponding frontend and backend functionalities.

EDUCATION

Bachelor of Engineering **Toronto Metropolitan University** *Toronto, ON, CA* **09/2020 – 04/2024**

- Major in Computer Software Engineering
- Relevant Coursework: Database Systems I, Advanced Algorithms, Object Oriented Engineering Analysis and Design, Operating Systems, Software Design Architecture, Software Requirement Analysis and SPEC