

Sothyra Chan

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Profile: an inquisitive and dedicated individual with a genuine passion for continuous learning and problem-solving

EDUCATION

Software Engineering Technician Diploma (GPA 3.8)

January 2023 – August 2024

Centennial College, Toronto, ON

- **Relevant Coursework:** Web Interface Design, Client-Side Web Development, Web Application Development

ACADEMIC PROJECTS

Personal Portfolio (React.js)

January 2024

- Created a responsive portfolio website using React.js, which focuses on modern UI/UX principles to ensure a seamless user experience.
- Optimized component-based architecture in React to maintain scalability and augment performance for a fast-loading portfolio.
- Integrated dynamic form submission with EmailJS that provides real-time feedback and enhances user engagement through direct communication.

Electronic Library (MERN Stack)

March 2024

- Developed a full-stack E-Library website using MERN stack (MongoDB, Express, React, Node.js), which allows users to sign up, log in, edit profiles, browse books, and manage their shopping cart.
- Implemented CRUD functionality for book management and user accounts with data stored in a NoSQL MongoDB database.
- Collaborated with a team of 6 students to complete this project within the 2-week timeframe that has a particular emphasis on component-based architecture with React for state management and scalability.

Smart Home Energy Optimization System (React Native)

May 2024 – August 2024

- Assisted in developing a cross-platform mobile application using React Native, TypeScript, and MySQL for sign-up, sign-out, and profile pages.
- Connected the project to MySQL via SQL Workbench integrated with mock data created by teammates to track real-time energy usage and display analytics.
- Collaborated with a team of 6 people and was contributing to API development and testing to ensure smooth integration with the MySQL database to simulate real-world energy usage.

Job Tracker (React.js)

September 2024

- Contributed to designing the UI/UX for the Job Tracker website using Figma focusing on creating an intuitive and user-friendly interface.
- Implemented front-end functionality based on the provided UI/UX designs, ensuring adherence to design specifications and enhancing the user experience.
- Conducted research and planned features for the website to align with project goals and user needs to inform development and future improvements.

EXPERIENCE

Centennial College

Toronto, ON

Peer Tutor

July 2024 – August 2024

- Gained expertise in mentoring students in foundational JavaScript, Python, and Linux and guiding them through teaching and problem-solving challenges.
- Improved technical, communication, interpersonal, and problem-solving skills by identifying individual student needs and providing tailored and effective support.

SKILLS

- Solid understanding of JavaScript, Node.js, Express.js, React.js, React Native, Oracle, MS-SQL Server, MongoDB, Git/GitHub, Python, PL/SQL, Machine Learning, Object-Oriented Design, Java, and Unix/Linux