

SASHINTHA TENNAKOON

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EXPERIENCE

Software Developer

DealRockit

📍 Toronto, ON

📅 May 2021 – Aug 2021

- Integrated a responsive design for the company's web application, increasing customer usability to a total of 10+ mobile devices, ranging from iOS to Android.
- Designed and completed exhaustive unit and regression testing, resolving 90% of existing bugs.
- Collaborated across a team of 4 developers and 2 designers to redesign the UI and streamline the responsive design across the application.
- Prepared change log documentation, outlining all functional and non-functional changes made, along with future plans to further improve the user experience.

PROJECTS

Train Management System

Web Application

📅 Nov 2021

- Developed a train management system using JavaScript, Node, and Express to enable efficient train management for train operating company and its employees.
- Designed and built the database structure using SQL, ensuring complex queries were performing under 50 milliseconds to provide instant data to the user.
- Worked in partnership with 4 developers, taking ownership of the frontend implementation and design guaranteeing that the user interface was intuitive and user friendly.

Smart Eye Tracking Assistant

Home Assistant

📅 Jan 2019

- Developed an application that allows hands-free control of smart appliances using eye tracking, built using python, c#, and a tobii eye tracker.
- Collaboratively researched eye tracking methods and designed a comprehensive solution to assist physically impaired users to operate a radio player and lights.
- Led interactive one-on-one feedback sessions and large-scale user surveys with perspective users to design a comprehensive user experience.
- Worked in an agile approach with a team of 4 developers to improve the efficiency in the work environment and produce a sufficient product

EXPERTISE

Strengths: Mobile Development, Design Research, Product Prototyping, Agile

Tools and Languages: Java, Python, JavaScript, SQL, Unity, C#, Jira, Git, Linux

Technical Skills: Front-end Development, Data Analytics, Unit Testing, Responsive Design

EDUCATION

Bachelor of Engineering Science

Software Engineering

Western University

📍 London, ON 📅 2019-Ongoing

Awards: Dean's List

Course Highlights: Algorithms & Data Structure for Object-Oriented Design, Business for Engineers, Database Management Systems, Networking: Principles and Protocols

Activities: WE Trillium Hyperloop, Dragon Boat Club