SINTHOORAN RAVINATHAN

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GitHub: https://github.com/SinthooranR,
Portfolio: https://sinthooranr.github.io/SinthooranR-react/

EDUCATION:

UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, OSHAWA, ON

Bachelor of Science, Computer Science (Honours)   Graduated May 2020

BUR OAK SECONDARY SCHOOL, MARKHAM, ON

Ontario Secondary School Diploma

TECHNICAL SKILLS:

Languages:	C++, Python, Java, JavaScript, HTML
Frontend:	React, CSS Modules, Material-UI, React Hooks, Vue.js, Vuetify, Bootstrap, Bulma CSS, JQuery, D3.js
Backend:	Node.js, Express, MongoDB, SQLite, SQL Databases
Software:	Node Package Manager (NPM), Git, Gradle, IntelliJ, Android Studio, Postgres

Additional Knowledge

- Proficient in Microsoft Office: Word, PowerPoint, Visio, Excel
- Comfortable with Windows, Mac OS, and Linux operating systems
- Knowledgeable in programming concepts, such as Object-oriented programming, AJAX protocols, and State management

INTERPERSONAL SKILLS:

- Communication skills gained throughout many speech opportunities and presentations over the course of several years in group projects and presentations, previous work experiences
- Teamwork skills developed through participation in group projects and volunteering experiences
- Time Management capability gained throughout meeting many deadlines in course projects and learning to prioritize proper deadline without interference

WORK EXPERIENCE:

Setup Member at Angus Glen Golf Club   May 2018 to September 2018

- Arranged banquet hall based off floor plans and Banquet Event Orders given by event organizer
- Communicated with event managers and co-workers to make changes that would effectively benefit them
- Built relationships with co-workers by being a part of the team and making use of communication to create a positive work environment

Warehouse Inventory at Omega Moulding Canada   May 2017 to September 2017

- Gathered new materials from delivered packages and placed them in the correct locations in the warehouse and updated the system with the new inventory
- Communicated with team to make sure packaged deliveries were shipped to the proper location and have all the correct shipment information
- Monitored inventory occasionally to see if types of moldings are low in stock and updated the system with remaining stock

PROJECTS:

Weather App Project   December 2018

Mobile Development (Android Studio, SQLite Databases, Gradle, OpenWeatherMap API)

- Worked in a team and evenly distributed the responsibilities
- Applied Agile principles to this project and tests were done to each change to ensure the application was fully functional
- Implemented database using SQLite in Android Studio which had records of cities supported from the free OpenWeatherMap API
- Implemented UI to appeal and display functionality done in the backend of the application

Portfolio Website

Original Portfolio (HTML, CSS, JavaScript, jQuery, FontAwesome)   August 2020

- Used HTML to display basic content but helps me determine my website structure.
- Applied CSS for the grid system layouts, the navigation bar, and the fixed sizes of the images used in the website
- Implemented a toggle navigation bar when clicking a navigation item using JavaScript/jQuery

Current Portfolio (React, React Material-UI, JavaScript, NPM)   August 2020
- Was formed using Create-React-App 2.0
- Created a folder structure for components used for presentation and reusable components
- Implemented data binding methods using Reacts "props" functionality
- Deployed through Create-React-App GitHub pages with some changes in the "package.json"
- Styled components with CSS Modules in React to be responsive on both desktop and mobile resolutions
- Made use of the React Material-UI and Particle background packages installed through Node Package Manager

Repository Viewing   March 2020
A GitHub Repository Viewing Web Application (HTML, CSS, JavaScript, D3.js)
- Has both a tree map structure and a Sunburst created through D3.js and JavaScript placed as SVG elements
- The two data visualizations are linked as you hover over the tree structure nodes
- Data of the repository changes made are displayed as you hover over the either visualization's nodes
- Data is grabbed through parsing a json file structure of a repository used in this specific project

Notifier
A Notification Web Application (Vue.js, Vuetify, JavaScript)   April 2020
- Worked with team to distinguish roles for Frontend and Backend development
- Applied Vue concepts to build the frontend and used state management to dynamically pass data throughout the application.
- Created various components with the team to display a drawer and setup a dynamic notification component.
- Implemented components from the Vuetify material design framework, and some standard CSS to polish the web application
- Used Backend calls to render the data dynamically using state management and the reusable Notification component.

AWARDS:
- Ontario Scholar   2016
- Honour Roll at Bur Oak Secondary School   2012-2016