SINTHOORAN RAVINATHAN

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Portfolio: https://sinthooranr.github.io

PROJECTS

Repository Viewing App
A GitHub Repository Viewing Web Application (HTML, CSS, JavaScript, D3.js)   March 2020
- Has both a tree map and Sunburst visualizations created through D3.js
- Both data visualizations are linked as you hover over the tree structure nodes
- Parsed a json file structure of a repository used in this specific project

Notifier
A Notification Web Application (Vue.js, Vuetify, JavaScript)   April 2020
- Applied Vue concepts to build the frontend and used state management to dynamically pass data throughout the application
- 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

Portfolio Website
Current Portfolio (React, JavaScript, CSS Modules, NPM)   August 2020
- Uses various hooks such as useState and useContext
- Implemented the Context API to create a light and dark theme on the website
- Deployed through Create-React-App GitHub pages with some changes in the "package.json"

Banking App
A Small Credit Card Application (MongoDB, Express, React, NodeJS, Material-UI)   October 2020
- Used various hooks such as useContext, useEffect, useCallback, and useState for API calls and validation
- Used Mongoose Data Schemas, Express Validators, and various API calls
- Uses the Model-View-Controller architecture for the backend

Forum App
A Mock Forum Web Application (MongoDB, Express, React, NodeJS)   November 2020
- Used Context API to set authentication, and theming in the application by passing global data
- Created Mongoose Data Schemas, and used Model-View-Controller architecture for the backend
- Used axios to fetch API calls from backend

SKILLS

Languages:	C++, Python, Java, JavaScript, HTML
Frontend:	React, CSS, Redux, Vue.js, Vuetify, Bootstrap, Bulma CSS, JQuery, D3.js
Backend :	Node.js, Express, MongoDB, Mongoose, SQLite, AJAX protocols, Axios
Software:	Node Package Manager (npm), Git, Visual Studio Code, IntelliJ, Postgres, Tableau

EDUCATION

UNIVERSITY OF ONTARIO INSTITUTE OF TECHNOLOGY, OSHAWA, ON
Bachelor of Science, Computer Science (Honours)   Graduated May 2020

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 improve events
- Adapted to work with co-workers and improved use of communication to create a positive work environment

Warehouse Inventory at Omega Moulding Canada   May 2017 to September 2017
- Gathered shipped materials and placed them in their respective location in warehouse and updated the inventory
- Communicated with team to ensure packaged deliveries were shipped to proper addresses and has all the correct shipment information