SINTHOORAN RAVINATHAN

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EXPERIENCE

Full-Stack Developer | Worldwide College Tours   **May 2021 – November 2021**
- Collaborated with development team to create a MERN stack application
- Experienced prototyping with use of Adobe XD and drawing by hand to create better user experiences for the application
- Integrated React libraries, and Redux to ensure data is stored and passed out safely without memory leaks
- Improved code cleanliness and optimization by 8-10% when using Redux for global state management
- Gained exposure outside of vanilla React through documentations and implementing third-party features
- Tested use cases when implementing changes into the system, eliminating code errors and defaults
- Managed time between training and development with tasks, organized to be completed by end of the day
- **Technologies Used:** ReactJS, Bootstrap, Socket-IO, Adobe XD, NodeJS, MongoDB, Redux

PROJECTS

Phone Shop| *MongoDB, Express, React, Redux-Toolkit, TypeScript, Bcryptjs, JSONWebToken*
- Created a Full Stack E-Commerce application using React, Express, and MongoDB
- Implemented RESTful API and CRUD operations with Node.js and Express
- Encrypted passwords and added private endpoints with Bcryptjs and JSON Web Tokens
- Initialized types for Users and Products with TypeScript interfaces, ensuring safe type-defined code
- Have various components populated upon logging in with the help of Redux-Toolkit used with API Calls

Chat App | *React, Redux, SCSS, GraphQL, PostgreSQL, JSONWebToken, Docker*
- Built a Full Stack web application using React, GraphQL, and PostgreSQL that allows users to chat in real-time
- Implemented features using GraphQL queries and mutations such as adding users and channels into the system
- Developed real-time messaging with GraphQL subscriptions
- Built authentication function to check if users hold valid token to access certain functionalities

Movie Database | *React, SCSS, The Movie Database (TMDb) API*
- Designed movie database using the Movie Database API to view and search for movie information
- Integrated Redux to dynamically display movie data when searching for movies
- Styled using nested styling from SCSS for cleanliness

Weather Owl | *Android Studio, Java, SQLite, OpenWeatherMap API*
- Developed a weather application to display geographical weather with Android Studio to show forecasts
- Integrated city searching using SQLite database with OpenWeatherMap API
- Visualized data shown for various forecasts and other statistics
- Implemented delete functionality for removing cities from the database

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, SQL, GraphQL, Java, Python
Frontend: HTML, CSS/SCSS, React, Redux, Moment.js, Material-UI, Bootstrap, NextJS
Backend: Node.js, Express, MongoDB, PostgreSQL, Bcryptjs, JsonWebToken, Socket.io
Others: Git, Linux, Docker, Netlify, Android Studio, Heroku, Adobe XD, Firebase

EDUCATION

Ontario Tech University   **September 2016 – April 2020**
Degree: Bachelor of Science, Computer Science