Sinthooran Ravinathan

Email | LinkedIn | GitHub | Portfolio

EDUCATION

Ontario Tech University   Oshawa, ON
Bachelor of Science in Computer Science (Honours)   *Sept. 2016 – April 2020*

PROJECTS

Chat App | *React, Redux, Material-UI, Apollo Client, GraphQL, PostgreSQL, Docker, Heroku*   Link
- Real-time functionality done using GraphQL subscriptions
- Managed user and chat data using a mix of Redux and GraphQL queries with Apollo Client
- User passwords encrypted using bcrypt, and are authenticated using JSON Web Tokens
- Backend implementations done using Apollo server, and PostgreSQL database

Movie DB App | *React, Redux, Material-UI, The Movie Database (TMDb) API , Netlify, Git*   Link
- Prioritized on using APIs from TMDb and applying it with Redux
- Designed a search page using the TMDb search query which will display any movies related to your search
- Rendered movie components to display data such as the poster path and title
- Integrated Redux-Toolkit slices to help show specific movie data when a movie is clicked

Forum App | *MongoDB, Express, React, Node.js, Git*
- Developed a full-stack web application using REST API created with an Express server, and React as the frontend
- Implemented users and allow them to submit posts and replies handled by CRUD operations
- Frontend takes both user and post information from Express using Axios and Context API
- Utilized a custom error handler method in Express to keep error messages simple

Weather Owl | *Android Studio, Java, SQLite, OpenWeatherMap API, Git*
- Developed a weather application to display geographical weather with Android Studio
- 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

SKILLS

Languages: Java, Python, C++, SQL, JavaScript/TypeScript, HTML/CSS, GraphQL
Frameworks: React, Node, Material-UI, Express, Bootstrap
Databases: PostgreSQL, MongoDB, Firebase, SQLite
Libraries: Redux, Axios, Mongoose, FontAwesome
Developer Tools: Git, VS Code, IntelliJ, Android Studio, Docker

EXPERIENCE

Setup Memeber   May 2018 – Sept 2018
Angus Glen Golf Club   *Markham, ON*
- Arranged banquet halls with floor plans and Banquet Event Orders given by event organizers
- Adapted into working in tight schedules and improved communication with co-workers throughout the experience
- Managed time wisely getting different room setups completed, and adjusted to flexible weekly schedules

Warehouse Inventory   May. 2017 – Sept 2017
Omega Moulding   *Woodbridge, ON*
- Communicated with managers and co-workers to set up packages to be shipped
- Analyzed inventory and updated system on the quantities of items and if any are out of stock
- Organized items for shipping with delivery services