Ryan Narine

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Address: Toronto, Ontario, M5P 2Y3   Portfolio

SKILLS

- **Proficient**: TS/JS, Java, React, Express, Mongo, Elasticsearch, PostgreSQL, MySQL, Redis, GCP, GraphQL, Material-UI
- **Knowledgeable**: Python, PHP, Firebase, Sass, Fastify, React Native, Android Studio, Angular, Redux, Spring, Hibernate, Flask, Next.js, Cypress

WORK EXPERIENCE

Senior Full Stack Engineer   **March 2021 – Present**
BrokerBay (Showing management software)

- Implemented and maintained complex cron jobs that are responsible for integrating with 3rd party MLS feeds to populate/maintain fundamental data needed for the BrokerBay system
- Led multiple teams of developers to complete a variety of projects that expanded on BrokerBay's main web app as well as it's in-house application and mobile app
- Maintained and enhanced the SSO/OIDC flow of BrokerBay's Spring Authentication server
- Used GCP metrics to identify and fix slow or resource intensive functions
- Mentored junior/intermediate developers to produce code that is readable and efficient
- Worked with QA and Cypress to streamline automated testing
- Skills/Frameworks used: TS/JS, Java, React, React Native, Angular, Redux, Express, Fastify, Next.js, Spring, Mongo, Elasticsearch, PostgreSQL, MySQL, Redis, GCP/Kubernetes, GraphQL, Cypress

React Developer   **June 2020 – February 2021**
Ramani (Inventory and operations management software for African distributors)

- Implemented many processes and complex features in Ramani's web app such as UI allowing employers to view their salespeople's GPS in real-time
- Designed a complex system allowing customers to query/group and visualize their data
- Skills/Frameworks used: TS/JS, React, Express, Chart.js, Firebase, Mongo

Front-End Developer   **March 2020 – June 2020**
Vidal Home Care (Marketplace for clients requiring home care)

- Independently built the entirety of Vidal Home Care's web app with React and Material-UI and replicated or enhanced all the features that exist in their current mobile applications
- Identified and fixed bugs and security issues in an undocumented legacy PHP back-end
- Skills/Frameworks used: JS, PHP, React, Material-UI, MySQL

EDUCATION

York University (Student ID: 214233811)   **September 2015 - June 2019**

- Bachelor of Science in Computer Science, First Class With Distinction (GPA: 8.44/9.00)

PROJECTS

Image Processor [(App)](App) [(GitHub)](GitHub) (React, Redux, Sass)
- An application that can perform various effects to images such as making the background transparent, changing red pixels to blue pixels, and brightening/dimming certain colours
- Created a Path-Finding algorithm to detect a section within the image

Forecast [(App)](App) [(GitHub)](GitHub) (React, Sass)
- An application that displays a 5-day 3-hour forecast of a specific city
- Used the OpenLayers map to determine the latitude and longitude of a clicked point so corresponding weather information can be fetched from OpenWeatherAPI

Hangman [(App)](App) [(GitHub)](GitHub) (React, Sass)
- A game of Hangman that can be played with keyboard/mouse/touch input
- Used the CSS clip-path property to animate the drawing of the gallows SVG