

SHAUN ARANHA

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EDUCATION

University of Toronto Mississauga • Bachelor of Science, Honours
Sheridan College • Certificate in Digital Communications

WORK EXPERIENCE

University of Toronto Mississauga - Frontend Developer *December 2020 - April 2021*

- Updated an interactive time-sensitive game where students competed for jobs in a gig based economy with resources such as muscle, brain, and skill points using React Hooks and MaterialUI
- Implemented authentication pages and the interface where students modify and submit their weekly choices with React, along with a results page showing weekly progress through an API call with Express and SQLite
- Deployed the game on an Amazon EC2 Container for students to remotely access the game from any location

Ministry of Education - Application Programmer Analyst *September 2018 - August 2019*

- Led a team of four in testing a new payment processing feature of the OSAP Full-Time Application that went into production within two weeks of development
- Developed an accurate testing infrastructure in Selenium (Java) to greatly improve the efficiency of the QA team's workflow, increasing the rate of test applications produced by 90%
- Logged defects on HP Application Lifecycle Management, and verified fixes on JIRA

PROJECTS

SSJFitness *React.js, Firebase, Node.js*

- Created a fitness platform that has workouts, personalized charts, instruction videos and a plate calculator
- Developed the login and register pages integrating the Firebase API for route authentication along with a goals page that allows users to track fitness based goals pertaining to cardio, strength, etc.

StudyBuddy *React.js, Express.js, Node.js, MongoDB*

- Engineered a web app where multiple users manage their study session together using the Pomodoro method with modifiable task lists
- Developed CRUD functionality for the application along with the ability to drag/drop task lists within a specified area so that users can neatly organize their tasks for the specified session

SpotifyAPI *Java, Spring, MongoDB, Neo4J*

- Used the microservice architecture to recreate a simpler version of Spotify's API
- Implemented the Profile and Song Microservice which lets users create playlists, add/remove songs from their playlists, or follow/unfollow other users and their playlists

SKILLS

- **Languages:** Python, Java, JavaScript, C, HTML/CSS, SQL
- **Tools:** React, Git, Node.js, MySQL, AWS, Firebase, MongoDB, Neo4J, UNIX/Linux, SASS