

# BRANDON JOUBRAN

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## PROFESSIONAL SUMMARY

Results oriented and creative problem solver with professional experience interested in building efficient, scalable apps. Highly motivated to share ideas and to learn. Seeking an opportunity to leverage my developing skills and collaborating skills.

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## LINKS

**LinkedIn:** [linkedin.com/in/brandonjoubran/](https://www.linkedin.com/in/brandonjoubran/)

**Portfolio:** [brandonjoubran.github.io/](https://brandonjoubran.github.io/)

**GitHub:** [github.com/brandonjoubran/](https://github.com/brandonjoubran/)

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## SKILLS

**Proficient:** Python, Java, HTML & CSS, Javascript, C, SQL

**Familiar:** Swift, Assembly, Haskell, Racket, design patterns

**Frameworks & Tools:** Node.js, Docker, Redis, AWS, Cassandra, Unix, Django, React, Next.js, Selenium & Appium, Bootstrap, Maven, Git, Unity, XCode, Cucumber, Log4j, TestNG, Microsoft Office

**Traits:** Problem solving, leadership, team player, organization

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## PROJECTS

### r/place

- Created a replica of Reddit's famous r/place app using AWS
- Used various AWS services, including Cloudformation, ElastiCache, Lambda, S3, EC2, and more
- Client-side was created using HTML, CSS, and JavaScript
- Capable of handling 100k connections and easily scalable

### Automation Project

- Created a framework for an automation project for my previous employer to execute QA tests resulting in streamlined efficiency and improved accuracy
- This was created using Java with the Page-Object design pattern and SpringBoot while also utilizing Selenium and Appium, along with JUnit and Cucumber

### URL Shortener

- Developed a dockerized distributed system URL shortener app
- Clients make a PUT with a short and long URL, these are stored in a cache (Redis) and database (Cassandra)
- When a GET is made for a short URL that is either in the cache or database, the client is redirected to the long URL
- Highly efficient and scalable
- Made using Python, Docker, Redis, and Cassandra

### **Auto-Stock Trader (AST)**

- I created a Discord bot that users were able to make request to containing different stock tickers
- The bot would then utilize an automated web scraping script that gathered data about the requested stocks
- Then would display that information, along with various calculations, in a spreadsheet and DM it to the requester
- Made using Python, utilizing Selenium, beautifulsoup, and other libraries

### **FantasyJS**

- An app where users can search for NHL players and be shown data about their performance
- Uses various APIs to gather player data
- App returns a page containing different cards containing stats and graphs about the player and their team
- Built using React and Javascript

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## **WORK HISTORY**

### **FULL STACK DEVELOPER** 10/2022 to Current

#### **Digy4**

- Responsible for full stack development of the company's software
- Building scalable, AWS connected software
- Developing backend automation solutions and connecting to Next.js frontend
- Tech used includes Java, TestNG, Cucumber, RestAssured Javascript, Next.js, Appium, and others

### **QUALITY ASSURANCE SPECIALIST** 06/2020 to 08/2021

#### **SOTI**, Mississauga, ON

- Started a project using Java to automate day to day tasks, utilizing Selenium, Appium, SpringBoot, JUnit, Cucumber, Maven, among other tools
- Tested software against the devices of the company's clients
- Tested various new company projects, including a website that was in development
- Attended weekly meetings and made deadlines

### **RETAIL SALES ASSOCIATE** 05/2019 to 11/2019

#### **BBQ World**, Mississauga, ON

- Greeted customers and helped with product questions, selections, and purchases
- Assembled purchased barbecues for customers

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## **EDUCATION**

### **University of Toronto Mississauga**, Mississauga

#### **Honours Bachelor Of Science**, Computer Science, 12/2022

Graduating from University of Toronto's Computer Science Specialist program