

Shumael Syed

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Skills

Languages: Python, Java, JavaScript, SQL, HTML/CSS

Frameworks/Libraries: React, Bootstrap, React Native, Node.js, jQuery

Databases: PostgreSQL, MySQL, Firebase

Version Control/Infrastructure: GitHub, Bitbucket, Docker

Experience

RBC Global Asset Management | DevOps Engineer, May - August 2020

- Developed APIs with OAuth 2.0 Authorization and corresponding API test cases for unit testing.
- Improved reliability and efficiency of asset management applications by incorporating smoke and integration tests in continuous delivery pipeline.
- Proposed and developed automated test scripts using Robot Framework, Selenium and ReadyAPI.

RBC | Software Developer, September - December 2019

- Developed scripts using REST APIs for real-time data collection to resolve audit-related issues.
- Developed automated test scripts in Python using Selenium WebDriver for various DevOps tools.
- Increased efficiency and reliability of existing test scripts by implementing REST APIs to replace Selenium based functions.

House of Commons Canada | Infrastructure Engineer, January - April 2019

- Developed a mobile application using React Native for storage and retrieval of documentation.
- Developed test cases and use cases for both PC and Mobile based applications and software.
- Interacted with clients and product line managers to receive feedback and make improvements in documentation and test cases.

Global Affairs Canada | Software Test Engineer, May - August 2018

- Developed automated tests in Java to diagnose bugs and irregularities within software applications.
- Identified and documented test results including appropriate classification of system defect criticality.
- Created and modified test cases based on business requirements.

Projects

Stock Market Analysis

Developed a Python script that sends text messages to indicate real-time buying and selling opportunities in the stock market using the Nasdaq API.

Personal Portfolio Website

Developed an entire personal portfolio website from scratch using self-taught web development skills which included HTML, CSS, Bootstrap and JavaScript.

Artificial Intelligence Connect 4

Implemented the famous game in Python with complete graphical user interface and functioning artificial intelligence as an opponent.

Education

BASc in Software Engineering | University of Ottawa, September 2017 - Present

Expected Graduation Date: December 2021

Relevant Courses Completed: Algorithms & Data Structures, Design of User Interfaces, Databases, Data Communication and Networking, Operating Systems, Software Quality Assurance