

Pruthviraj Patel

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SKILLS

Languages: Java (JavaFx), C#, C++, JavaScript (jQuery), C, HTML, CSS, MATLAB
Frameworks/API: Android, Bootstrap, REST, Spring Boot
Databases: PostgreSQL, SQL, Firebase
Version Control: Git

WORK

Infor

Software QA Analyst

Vancouver, BC
Sep 2019 - Present

- Wrote queries in Oracle and PostgreSQL for retrieving and manipulating data set to verify correctness of Enterprise Management used by hospitality services
- Performed integration and regression testing to ensure enhancements and functionalities in Enterprise Management work as intended
- Translated requirements into creating and updating Test Cases and Test Suites for quality assurance of the Enterprise Management
- Brought defects and findings to developers' attention by logging Jira tickets with steps to reproduce them in a timely manner to meet deadlines of the Sprint

PROJECTS

Tokimon Deck Application

Academic Project - Individual

Java (JavaFx), Spring Boot, REST API
Mar 2019 - Apr 2019

- Created a Client-Server application using Spring Boot and Tomcat to store fictional creatures called Tokimon with specific attributes
- Implemented a RestController to handle user's HTTP requests such as GET, POST and DELETE
- Programmed a JavaFx Application with UI allowing clients to view, add and delete Tokimons from the server and the application using REST API
- Parsed the JSON data received from the server and displayed it in the application
- Converted Tokimons added in the application to JSON Objects and stored them on the server

EcoSmart Application

Academic Project - Lead Developer

Java, Android
Oct 2018 - Dec 2018

- Created an Android application using Agile to reduce Carbon Footprint (CO2e) in Metro Vancouver
- Computed user's Carbon Footprint based on their food input
- Implemented the ability to let users add a pledge of how much CO2e they want to reduce annually
- Programmed to let users add meals with photos they wish to check out at restaurants
- Stored user's pledge and meals on Firebase to be displayed in the application
- Added the ability to let users share their pledge and meals to social media

Tokimon Processor

Personal Project

C#
Oct 2018 - Oct 2018

- Parsed JSON files to read fictional creatures called Tokimon into the program
- Analyzed all the Tokimons and sorted them in teams based on their attributes, compatibility and score
- Generated a CSV file for Tokimon handlers to evaluate each team's strengths and weaknesses

EDUCATION

Simon Fraser University

B.Sc. in Computing Science

Burnaby, BC
Sep 2016 – Present