

ROGELIO AGUILAR

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EDUCATION

University of California - Merced
Bachelors of Science Computer Science and Engineering

Aug. 2016 - May 2021

WORK EXPERIENCE

Brillio, Junior Software Development Engineer in Test (SDET), Remote

Jan. 2022 - Mar. 2023

- Part of Brillio's SDET training program consisted of 2 months of SDET training and a capstone project.
- Trained by Senior SDET from eBay to test the product detail page
- Contracted with The Hartford company to help test updated versions of their REST APIs
- Learned and Practiced Agile Methodology, Frontend Automation with Selenium and WebDriverIO, and Backend API Testing with Rest-Assured
- Continuous Integration with Git and Jenkins, Development of Testing Frameworks, AWS, Jira
- Learned Full Stack Development with Udemy Courses, specifically React - The Complete Guide, Responsive Web Design Essentials - HTML5 CSS3 BootStrap, The Complete SQL Bootcamp: Go from Zero to Hero, Master Microservices with Spring Boot and Spring Cloud
- Created all Udemy Course projects, while practicing continuous integration using GitHub

eBay - Training with Brillio, Junior Software Development Engineer in Test (SDET), Remote

Apr. 2022 - May 2022

- Worked with Senior SDET from eBay to test the product detail page
- Created Automated Test Cases for the product detail page
- Frontend test cases include: unit, smoke, black-box, integration, monkey, end-to-end, cross-browser, and localization testing
- Backend test cases include API testing
- Created the test cases using a Page Object Model (POM) design pattern
- Tools used: Java, Maven, Selenium, TestNG, and Rest-Assured
- Github - <https://github.com/rogelio-brill/ViewCart>

The Hartford - Contracted with Brillio, Junior Software Development Engineer in Test (SDET), Remote

Sept. 2022 - Nov. 2022

- Created inventory list for each environment & catalog
- Clean-up of all the catalogs & environment for any retired objects
- Run API Connect Migration Utility (AMU) tool to convert all the V5 files to V10 - involved creating shell scripts to update specific parts of the API to ensure it was updated from V5 to V10
- Reached out to each App Team to get test cases for their respective APIs. Testing was done for all the APIs & sign-offs were obtained as well
- Tested APIs with IBM API Connect V5 to V10, using ReadyAPI
- Tracked sprint progress creating user stories in Rally

ISSNAF, Backend Developer, Remote

Jan. 2021 - May 2021

- Worked with a volunteer company to develop their front-end database application, which makes it easier for their members to manage and view their database.
- Used MySQL to create queries that selected specific data, and inserted/updated new values into tables according to the users' inputs.
- Used Node.js and Express.js to create and route APIs, using the data of the MySQL queries.
- Specifically worked with developing user sign-in APIs, which created users, allowing them to login/log out, and keep track of their session with JWT tokens.

PROJECTS

Brillio Capstone Project

Mar. 2022 - Mar. 2022

- Created Automated Frontend and API Test Scripts for the website: <https://www.automationexercise.com/>
- Used Maven to build project and pom.xml to download dependencies and configure build details
- Created other test cases using JavaScript WebdriverIO
- Developed Testing Automation Framework and Test Scripts using Page Object Model and BDD testing design pattern
- Frontend Automation Testing Tools: Java, Selenium, JavaScript, Cucumber, WebDriverIO, TestNG, ApachePOI
- Backend API Testing Tools: Java, Rest-Assured, TestNG

Chat Application

July 2021 - Aug. 2021

- The Chat App is a real-time chat application that enables the user to sign in with their credentials, via Google or Facebook.
- It uses a Microservice architecture design that allows users to create chats, view past messages, and message other people with the help of ChatEngine.io.
- The user is able to sign in, via Google or Facebook, by using Firebase's authentication system.
- Once the user is signed in, the data is stored, then sent to ChatEngine.io using react-router-dom.
- Developed the front end and functionality with React.js.

UEFA Champions League Statistics

Nov. 2020 - Dec. 2020

- Backend application that shows UEFA Champions League Statistics.
- Once the user selects the preferred season they can: see the standings of the whole competition, clubs that participated, and club/player stats.
- Imported statistics from CSV files into an SQLite database.
- Created Tables for the statistics and made connections between tables with an Entity-relationship model.
- Created queries to output the statistics according to user inputs.
- Used Java SDK to combine the user's inputs in Java with the SQLite database and queries.

SKILLS

TECHNICAL SKILLS: Java, JavaScript, MySQL, Node.js, React, HTML, CSS, SQLite, Express.js, Next.js, Firebase, API Integration, Git, Selenium, WebDriverIO, Maven, Jenkins, Rest-Assured, Postman, TestNG, Cucumber, Gherkin, ApachePOI, Angular 13, Bootstrap, SpringBoot, ReadyAPI, Rally, Tailwind CSS, AWS, Jira

AWARDS

Innovate to Grow - Spring 2021 UC Merced

May 2021

- Team won the data track for Innovate to Grow at UC Merced.
- Competed against other teams from our Software Engineering course that worked on database applications.