Tyler Marquez

Professional Summary

As a Full Stack Developer in training, I am currently working on further developing my skills in Java, Javascript, HTML, and CSS as well as web services. In my group, we are working on developing our skills with the Spring framework.

I've always had an interest in computer science starting back when I was a child. After discovering Revature I knew it would be a great start to my educational and professional career. I've also taken classes about a year ago for beginning computer science where I learned some of the beginning aspects of C++.

Some fun facts about me!

- Outside of work I enjoy playing Cello and guitar.
- Other than music I enjoy gaming, and watching movies.
- I am also a certified drone pilot.

Education

Associate's Degree in TV/Film/Theater from Moorpark College, **Jun 2018**.

Technical Skill Summary

Client Side	HTML, CSS, Angular 10, AJAX, Javascript
Server Side	Introduction to Java, Servlets, Tomcat, Node, C++
Data Storage/Access	JDBC, Spring ORM, Spring Data, Postgres DB, SQL
Supporting Technologies	Junit, Maven, GitBash, Git, Mockito
DevOps	Jenkins, Docker, AWS: RDS, AWS: EC2, Linux

Professional Experience

Revature   **Jun-2022 to Present**

Revtech Ecommerce Store - Project 3

The Revtech E-Commerce Application is an Angular Single Page Application (SPA) that will allow users to sign up and login as a customer, browse all available products, view an individual product, and add products to their carts for purchase. Any user can browse the database of products, however, in order to purchase one you must be logged into an account. A new account can be created using the sign-up button. After an account is created the user will be able to login and purchase the products(s) of their choice.

With our products route, the user is able to view all of the products we have in our database on a single page. When the user clicks on a product that they are interested in, it will redirect them to that product's specific page to see additional details. Here, the user will be able to see the title, cost, discount and description of the product. This page will also include a button that will add the product to their cart if they would like to purchase it. The cart is the user's final destination and where they will be able to see the products they wish to purchase, review the total costs of selected products, and also be able to check the products out to complete their purchase.

Responsibilities:

- Implemented and tested Input Validation throughout each form on the site.
- Created tests to accurately test for errors in compilation and validation.
- Collaborated with a small team to further develop the input validation into a service for the application.
- Manually developed a custom validation test to see if the user was inputting an email or not.

Environment:

REST, Spring Framework, Hibernate, Maven, TypeScript, Java, AWS EC2, Angular 2+

Project 2 - E-Commerce App

Within groups, associates are going to build a full stack E-Commerce App that provides the core features present in many common e-commerce applications. General functionality will include features such as

creating and logging into an account, viewing products and a 'My Profile', as well as adding items to a cart and checking out.

Responsibilities:
- Managed the implementation of standard CSS by using one styles.css file for all the pages.
- Modified design and flow of each section of the page by moving around divs and sections.
- Implemented essential HTML and CSS layouts by using Bootstrap as a template.
- Brought backend logic to frontend using JavaScript.
- Researched additional CSS logic to enhance the overall appearance.

Environment:
HTML, CSS, JavaScript, Spring Data, Spring Boot, PostgreSQL, AWS EC2, AWS RDS, Spring MVC

Employee Reimbursement System (ERS) - Project 1

The Expense Reimbursement System will manage the process of reimbursing employees for expenses incurred while on company time. All employees in the company can log in and submit requests for reimbursement and view their past tickets and pending requests. Finance managers can log in and view all reimbursement requests and history for all employees in the company. Finance managers are authorized to approve and deny requests for expense reimbursement.

Mandatory Requirements

An Employee can:
• Login.
• View the employee home page.
• Logout.
• Submit a reimbursement request.
• View their pending reimbursement requests.
• View their resolved reimbursement requests.
• View their information.
• Update their information.

A Manager can:
• Login.
• View the manager home page.
• Logout.
• Approve/Deny pending reimbursement requests.
• View all pending requests of all employees.
• View all resolved requests of all employees.
• View reimbursement requests of a specific employee.
• View all employees

Responsibilities:
- Implemented logic to determine whether a user is a manager or employee.
- Managed dependencies that enabled the use of Maven by importing from https://mvnrepository.com
- Created logic that enabled users to either log in or create a new account by updating the database.
- Implemented code that allowed users with accounts to submit reimbursement tickets by creating a new ticket that can be accessed by the manager.
- Managers were then allowed to approve or deny tickets by updating the column in the database.

Environment:
Java, Maven, PostgreSQL, Servlets, HTML, AWS RDS, CSS