Jessica Waltz

Software Developer, Full stack Developer

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EDUCATION

Washington State University, Vancouver— Computer Science
April 2019 Bachelor's Degree

Washington State University, Pullman— *Computer Engineering*
April 2016 Bachelor's Degree

Washington State University, Pullman— *Electrical Engineering*
April 2016 Bachelor's Degree

EXPERIENCE

Anthem, Wallingford CT— *Developer*

November 2019 – September 2020

Experience in adding new features to the acmp UI as well as adding and editing requirements for said UI through the use of jsp, java, and javascript.

Knowledge of database manipulation and testing with the use of DataStudio, MongoDB, and SoapUI

Adding Queues and their requirements for queueing and routing

Revature, Tampa FL— *Full Stack developer*

July 2019 - November 2019

Experience in making Single Page Applications using tools like React and Bootstrap

Created back-ends for said Single Page Applications in both Typescript/JavaScript, and Java using Spring Applications like Spring Boot, Data, and MVC as well as NodeJS and Express.

Western Tool and Supply, Portland OR— *CS/CE Internship*

May 2018 - Aug 2018

Experience setting up the Raspberry Pis and programing them with Western Tool and Supply's user interface.

Tested and assembled locking mechanisms, made sure they respond(lock/unlock) to a request sent from a Particle Photon.
Experience setting up a tutorial for new users to follow so they are familiar with the interface using Hopscotch framework

PROJECTS

Staging Management System— *React*
The Staging Management System allows managers to keep track of Revature associates who have completed training and are awaiting a job assignment.

SKILLS

JavaScript

Java

Git

HTML

CSS

JSP

SpringBoot

SQL

SoapUI

Jira

Bitbucket

React

MongoDB

Python

typeScript

Maven

Node.js

Express

DBeaver

PostgreSQL

pgAdmin

MySQL

The application assists Staging Managers in areas such as tracking interviews and sending out surveys for status updates. The system also generates reports to help visualize aggregations of data.

Roles / Responsibilities

- Managed and lead a team of 4 members including myself to complete the tasks assigned to my group by conducting regular stand-ups to discuss progress and any potential blockers.
- Used Git for version control for the interview interface, interview service, user service, and the gateway repositories.
- Utilized pair programming within the group to improve code output, quality, and communication between team members.
- Fixed and improved upon previous group's work for pagination were before the pagination pages were non-functional by slicing incoming data based on the range selected by the user.
- Worked with Axios for communication with the back end where we received data to test the pagination component.
- Utilized unit testing for components in React such as for the pagination component to test if pagination navigation was accurately working.
- Modified old existing project code from previous groups that was repetitive and unused by condensing the repetitive code and removing code that was no longer relevant and therefore not being used.
- Worked to fix adding cohort error where when a user was invited to be a cohort it would not automatically add the user to the group and would instead prompt them to add themselves.

Expense Reimbursement System — *JavaScript SQL*

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

Roles / Responsibilities

- Created backend using express, node.js with path options for users, reimbursements, login, as well as editing existing information.
- Created get, post, and patch routes, specifically get by user id, author, and status, post user and reimbursement, and patch user and reimbursement.
- Interacted with the backend using postman to create get post and patch requests where the returned data would be printed out in JSON format.
- Saved data created from post requests to the database that was originally made with PostgreSQL using DBeaver.
- Coded frontend with HTML CSS and JavaScript where the JavaScript code would send requests to the backend and populate an HTML tag

with the returned data in a table that was styled with CSS
- Passed and received information from the backend with XMLHttpRequest used in the JavaScript code connected to the frontend.
- styled page with CSS such as the table layout and color scheme, and the responsive navbar.
- Used JavaScript to display and hide requested info depending on what type of user was logged in, for example, default users did not have access to approve or deny reimbursements.

Environment / Technologies

JavaScript, HTML, CSS, Node.js, Express, AJAX, SQL