**Reese Williams**

**Professional Summary**

I am a full-stack software developer with experience building enterprise level applications. Designed and created front-end applications with Angular, JavaScript, and Bootstrap. Developed fully integrated backend Java programs with Oracle SQL and Spring Modules. In addition, I have worked in team environments following continuous deployment practices and building DevOps pipelines with AWS, Jenkins, and Git.

* Extensive experience with **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **Angular**, **Java**, **Hibernate**, **Spring Framework**, and **SQL**.
* Built web pages using **HTML** to provide structure and **CSS** to customize styling.
* Implemented **Bootstrap** framework to build responsive and stylized web pages.
* Incorporated **JavaScript** to enhance functionality and make **AJAX** calls.
* Utilized **Angular** to leverage its routing and data binding features for complex front end applications.
* Directly defined and manipulated database tables and procedures with **Oracle SQL**.
* Leveraged **Hibernate** to map relations between object tables in a **SQL** database.
* Utilized **Spring Modules**, including **Core**, **Beans**, **JDBC**, **ORM** and **MVC**, to implement common design patterns from an abstracted framework.
* Built MVC, **REST**,and **SOAP** services using **Spring** framework.
* Collaborated in a team environment to deliver applications while following continuous deployment practices.
* Managed DevOps pipeline using **Jenkins**, **Maven**, **Tomcat**, and **Git** with **AWS**.

**Certifications**

**Education**

Bachelor in Political Science from Davidson College

**Technical Skill Summary**

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| --- | --- |
| Back End | PL/SQL, JDBC, PostgreSQL, Hibernate, Spring ORM, Spring Data |
| DevOps | Maven, Jenkins, Amazon Web Services, Tomcat, Docker, Git |
| Languages | PL/SQL, XML, Java, HTML, CSS, JavaScript |
| Frameworks | jQuery, Spring AOP, Angular, Spring, Hibernate, Bootstrap |
| Technologies | Node.js, SOAP, REST, Hypertext Transfer Protocol (HTTP), AJAX, Maven |

**Professional Experience**

**Revature May-2018 to Present**

**AssignForce**

The AssignForce system allows a manager to schedule training courses, including assigning rooms, locations, times, and trainers. It allows for the creation and management of possible training sites. It also allows managers to see a summary of all courses, past present and future, on a timeline, as well as a report for the estimated number of associates incoming and outgoing for a given year.

**Responsibilities:**

* Led team of seven working on batch timeline user stories
* Updated timeline tooltips to only show pertinent information
* Color-coded batches according to technology with switch statement mapping batches with colors
* Calculated and displayed weeks between batches for trainers
* Implemented new default view with collapsed panels and updated filter options
* Refactored batch data to include number of associates enrolled and provided a more accurate monthly graduate assessment
* Increased Angular end-to-end testing with Protractor
* Employed continuous integration DevOps practices across multiple teams

**Environment:**

Jenkins, Git, SQL, Spring, Hibernate, REST, HTML, CSS, Angular, Java

**EazyEats**

EazyEats is a Java-based web application that allows users to search cities and find meals that fit their specialty diet. Built on a Spring MVC-Angular 5 stack, venue information is pulled from the Zomato API and can be filtered and viewed by any user. Account holders can then leave reviews based on their experience.

**Responsibilities:**

* Lead Angular developer responsible for building out front end application
* Implemented Bootstrapframework to build responsive and stylized web pages
* Built Single Page Application using Angular routing for easier user navigation
* Incorporated login and registration system to validate user activity
* Utilized Zomato API to asynchronously search and retrieve restaurant information
* Developed HttpClient services to connect with back end Springapplication's controllers
* Utilized Agile development methodology to divide the project into manageable user stories
* Employed continuous deployment DevOps practices with AWS, Jenkins, Maven, and Git

**Environment:**

Java, Angular, Spring, Amazon Web Services, Hibernate, JUnit, Git, CSS, AJAX

**Expense Reimbursement System - Java**

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.

**Responsibilities:**

* Built persistent databases with AWS Relational Database Service and Oracle SQL Developer
* Mapped database entities to corresponding Java classes using JDBC.
* Created a dynamic user interface for both Employees and Managers with HTML, CSS, and Bootstrap.
* Utilitized JavaScript to make pages dynamic and place AJAX calls for asynchronous data retrieval
* Employed Data Access Object design pattern to abstract business logic and provide access to data tables
* Used Java servlets to handle and direct front end requests
* Hosted project on a local server with Tomcat
* Built and deployed application, and managed project versioning with Maven and Git

**Environment:**

Servlets, Java, JavaScript, HTML, CSS, JDBC, SQL, AJAX, Bootstrap, RDS, Tomcat, Git, Maven

**eZoo 100**

For this project, you will be extending the Animal Care System of eZoo, a web-based zoo management platform for zoo employees and customers. You will be provided with a barebones application for tracking animals in the zoo, and your job will be to expand the data being tracked to include feeding schedules. You will have to modify the database to support this new data, and write the code that not only stores and retrieves this information to and from the database, but also displays it for a user and allows them to manipulate it through an online interface.

**Responsibilities:**

* Designed PostgreSQL relational database to commit and persist data
* Documented  database setup with Entity Relational Diagram
* Implemented JDBC to connect PostgreSQL databases to our application
* Constructed DAO methods to abstract business logic and provide access to database
* Deployed Servlets to handle and redirect incoming front end requests for DAO layer
* Built JSPs to dynamically display database data on front end
* Allowed employees to add and delete feeding schedules while assigning to specific animals
* Utilized Agile development methodology to divide the project into manageable user stories.

**Environment:**

Java, HTML, CSS, Servlets, JSPs, JDBC

**Foodar 200**

In Level 200, Developers will create a Profile System to manage user information utilizing advanced JavaScript concepts and jQuery. The Profile System will keep track also of user’s favorite restaurants and food categories.

Foodar is a food delivery service application. Foodies will order take-out from a local restaurant, then use Foodar to find a Driver to pick up and deliver it to them. Delivery fees will be calculated based on distance driven, plus a base fee. Users must register a card to autopay drivers the approved amount.

**Responsibilities:**

* Developed static HTML and CSS content for all pages of the app
* Incorporated Bootstrap to ensure site is mobile responsive
* Simulated login authentication using HTML Web Storage API
* Enhanced UI with CSS transitions based on user interactions
* Coded zipcode authentication with JavaScript to prove service delivery area
* Used jQuery to allow customization of user's profile and view preferences
* Incorporated static file upload form for users to include profile picture for account
* Built drop down ad banner with JavaScript trigger tied to user's navigation

**Environment:**

jQuery, JavaScript, CSS, HTML