

Christopher Wideman

Software Developer



Industry Equivalency

18

Java

18

SQL

16

Spring

16

Angular

15

Microservices

Equivalency in months

ABOUT ME

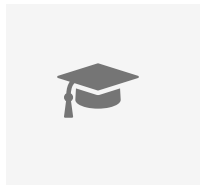
I am a software developer with extensive knowledge and experience in full stack development. Built and configured dynamic interactive RESTful web service applications using CSS, HTML, Angular, JavaScript, and TypeScript. Created and maintained a microservice architecture using Spring Boot, as well as AWS and Netflix services. Developed Maven projects with POM dependencies to streamline project management. Utilized Agile in collaboration with others to achieve highly efficient and productive application development.

- Experienced with **CSS, HTML, Angular, Spring, Java, JavaScript, TypeScript, Tomcat, JUnit, and Hibernate.**
- Designed elegant and intuitive user interfaces using the **CSS** and **HTML** of **Angular** components within a single page web application.
- Defined **Angular** services using **TypeScript** to modularize functionality and data communications of **Angular** components.
- Utilized **Spring Web** to streamline server-side implementation of the **HTTP** protocol within a **RESTful** architecture.
- Incorporated **Spring Boot** to organize and manage web services such as **Eureka** and **Zuul** within a **Microservices** architecture.
- Implemented **Java** design patterns such as **Front Controller, Singleton, Factory** and **DAO** to improve the modularity, scalability, integrity, and legibility of the code.
- Used **Hibernate** to map between object and relational data as well as abstract away **SQL** implementation and allow for loose coupling to the database.
- Designed third normal form schemas in **Oracle SQL** to house and maintain relational data.

- Managed projects using **Apache Maven** to easily integrate **POM** dependencies such as **JUnit**, **Log4j**, and **JDBC**.
- Employed **Git** to manage project versions and track changes as well as coordinate work among multiple people.
- Practiced continuous deployment to automatically build, test, and ultimately deploy stable code when it is pushed to the repository.
- Applied **Agile** methodology to organize development into consumable stories and plan clear and apparent progress around predefined sprints.



Education & Certification



Bachelor's Degree - Petroleum Engineering

Missouri University Of Science And Technology - Dec 2018



Skill Matrix

All durations represent Equivalency

Languages



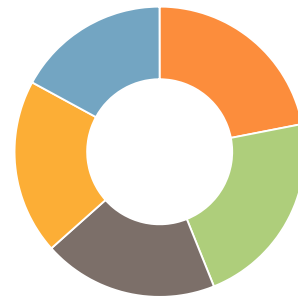
Java (18 Months)
SQL (18 Months)
Angular (16 Months)
HTML (16 Months)
CSS (16 Months)

Database



Oracle SQL (18 Months)
JDBC (18 Months)
Amazon RDS (17 Months)
Hibernate ORM (14 Months)
Spring Data (14 Months)

DevOps



Git (18 Months)
Maven (18 Months)
Amazon Web Services (16 Months)
Jenkins (16 Months)
SonarQube (14 Months)

Languages

- Java
- SQL
- Angular
- HTML
- CSS
- JavaScript

Database

- Oracle SQL
- JDBC
- Amazon RDS
- Hibernate ORM
- Spring Data
- HQL

DevOps

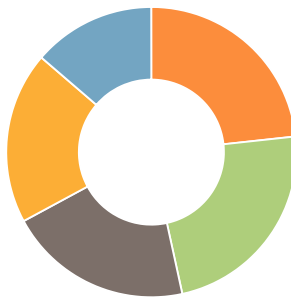
- Git
- Maven
- Amazon Web Services
- Jenkins
- SonarQube
- Docker

Web Technologies



- HTML (16 Months)
- CSS (16 Months)
- JavaScript (16 Months)
- Angular (16 Months)
- TypeScript (16 Months)

Testing



- JUnit (17 Months)
- Mockito (17 Months)
- Postman (15 Months)
- SonarQube (14 Months)
- Protractor (10 Months)

Web Technologies

- HTML
- CSS
- JavaScript
- Angular
- TypeScript
- Bootstrap

Testing

- JUnit
- Mockito
- Postman
- SonarQube
- Protractor
- Jasmine



Projects

RideForce

RideForce, previously RideShare, is a ride coordinating application for Revature Associates. All associates can create an account on the first day of training with a temporary access token generated by the app upon request of the trainer. A user who wants to offer rides can register a car with their account. Any associates who need a ride can coordinate with drivers who have registered cars based on proximity and preference.

Roles / Responsibilities

- Designed a single page web application using Angular to take advantage of features such as templates, bindings, injection, and AJAX handling.
- Formatted and styled HTML documents using CSS as well as Bootstrap integration.
- Utilized Spring Web to handle server-side HTTP Requests and Responses in a front controller design pattern.
- Implemented Spring Data to manage beans and for ORM.
- Incorporated Jasmine tests for use in Protractor E2E testing to improve product quality.
- Employed Git to manage version control by pushing the source code to a repository.
- Practiced DevOps strategies to achieve continuous integration and automate builds and tests.
- Applied Agile methodology to organize, plan, and distribute development tasks among our team members.

Environment / Technologies

Microservices, Angular, Spring, DevOps, Agile, Java, Maven, Amazon Web Services, Git

Meme Card Game

The Meme Card Game, MCG, allows users to immerse themselves in viewing, collecting, trading, and creating various trading cards that are modeled after popular memes. Users can collect cards by using in-game currency to open packs or trading cards with other users. The trading feature allows a user to view cards owned by other users and submit a trade request which will be subject to approval by the latter. Staff have ability to create cards which are added to the collection of cards. Each card is unique with its own image, description, and rarity.

Roles / Responsibilities

- Designed a single page web application using Angular to take advantage of features such as templates, bindings, injection, and AJAX handling.
- Incorporated Bootstrap and SweetAlert2 to more easily apply styles and formatting to the Angular components.
- Utilized Spring Web to handle server-side HTTP Requests and Responses.
- Implemented Spring Data to manage spring beans and simplify the data layers.
- Used Hibernate to map between object and relational data as well as to simplify DAO implementation.
- Designed a third normal form schema within Oracle SQL to house and maintain the relational data.
- Employed Git to manage version control by pushing the source code to a repository.
- Applied Agile methodology to organize, plan, and distribute development tasks among our team members.

Environment / Technologies

Angular, Java, Hibernate, Spring, SQL, HTML, CSS, JavaScript, TypeScript

TRMS - Java

The Tuition Reimbursement System, TRMS, allows users to submit reimbursements for courses and training. The submitted reimbursement must be approved by that employee's supervisor, department head, and benefits coordinator. The benefits coordinator then reviews the grade received before finalizing the reimbursement.

Roles / Responsibilities

- Built an intuitive user interface in HTML featuring dynamic elements via JavaScript DOM manipulation.
- Formatted and styled HTML documents using CSS as well as Bootstrap integration.
- Applied AJAX, JSON, and Jackson to seamlessly transfer object data to and from the server as requests and responses.
- Implemented a Java Servlet, request mapper, and delegates in a front controller design pattern to centralize the request handling mechanism.
- Created delegates, services, daos, and beans in a package by layer Java architecture to connect the front and back ends.

- Utilized JDBC to select and manipulate data in an Oracle SQL database from within Java.
- Designed a third normal form schema within Oracle SQL to house and maintain the relational data.
- Generated PL/SQL such as triggers, sequences, and stored procedures to automate and simplify SQL tasks.
- Employed Git to manage version control by pushing the source code to a repository.

Environment / Technologies

Servlets, Java, JavaScript, HTML, CSS, JDBC, SQL
