

## Jordan Ziegler

### Software Developer



#### Industry Equivalency

25

Java

18

REST

18

Angular

12

JPA

12

Spring

Equivalency in months

## ABOUT ME

I am a software developer with experience in the full stack development of a web application. I have created dynamic front-end applications using Angular, Bootstrap, and TypeScript. In addition, I have created applications that utilize Servlets and Spring to transfer data from the front end to the back end. I have used SQL, Hibernate, and Spring Data to manage data in an Oracle database.

- Extensive experience with **Angular, Java, Spring, JPA, Hibernate, SQL, Oracle SQL Developer, HTML, Bootstrap, and TypeScript.**
- Leveraged **Bootstrap** and **Angular materials** frameworks and systems to build responsive websites.
- Incorporated **JavaScript** and **TypeScript** to enhance front end functionality and connect to the backend.
- Wrote controllers to execute **Angular** behavior such as data binding and directives.
- Implemented **AJAX** calls to dynamically transfer data in the form of **JSON** objects from the database to the front end.
- Developed and exposed **REST** services built with **Spring MVC** and **Spring Boot**.
- Consumed various **REST APIs** with **Angular** designed web projects.
- Designed DAO design pattern functionality to access an **Oracle Database**.
- Utilized **Hibernate** to generate a database on **Amazon Web Services (AWS) Relational Database Service**.
- Leveraged **Log4j** to create logs for development, debugging, and tracking.
- Utilized **Git** to manage version control.
- Used Jenkins in order to develop Continuous Integration and automate integration testing.
- Collaborated in team environments utilizing the **Agile** mindset.



## Education &amp; Certification



## Bachelor's Degree - Electrical and Computer Engineering

 California Baptist University - May 2015



## Skill Matrix

All durations represent Equivalency

### DevOps

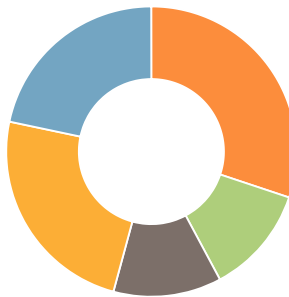


- Git (25 Months)
- Jenkins (8 Months)
- Maven (10 Months)
- Amazon Web Services (9 Months)
- Docker (9 Months)

#### DevOps

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

### Languages



- Java (25 Months)
- Oracle SQL (10 Months)
- TypeScript (10 Months)
- JavaScript (20 Months)
- Angular (18 Months)

#### Languages

- Java
- Oracle SQL
- TypeScript
- JavaScript
- Angular
- C++

### Design Patterns

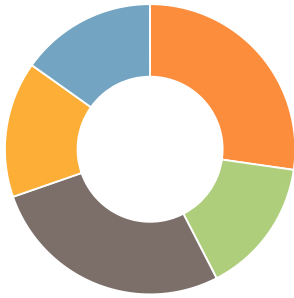


- Data Access Object (9 Months)
- Front Controller (8 Months)
- Service Oriented Architecture (10 Months)
- Singleton (8 Months)
- Factory Design Pattern (8 Months)

#### Design Patterns

- Data Access Object
- Front Controller
- Service Oriented Architecture
- Singleton
- Factory Design Pattern
- Prototype

## Front-End



- Angular 7 (18 Months)
- AJAX (10 Months)
- REST (18 Months)
- Spring Cloud (10 Months)
- Spring Cloud Config (10 Months)

## Back-End



- Oracle SQL (10 Months)
- Hibernate (8 Months)
- Spring Data (12 Months)
- SQL Developer (9 Months)
- DAO - Data Access Object (12 Months)

## Middle-End



- Java (25 Months)
- Spring Boot (12 Months)
- Spring MVC (12 Months)
- Http Servlet (10 Months)
- Servlet API (10 Months)

## Front-End

- Angular 7
- AJAX
- REST
- Spring Cloud
- Spring Cloud Config
- TypeScript

## Back-End

- Oracle SQL
- Hibernate
- Spring Data
- SQL Developer
- DAO - Data Access Object
- JDBC - Java Database Connectivity

## Middle-End

- Java
- Spring Boot
- Spring MVC
- Http Servlet
- Servlet API
- Front Controller Design Patter



## Work Experiences

## Walmart

## Software Engineer

Jun 2019 - Apr 2020

## NextGen POS

## Role : Developer

Jun 2019 - Apr 2020

## Description

NextGen POS is a web application that utilizes dojo to create a seamless customer experience. The project uses java to communicate with various services to get data to provide information and interact with the customer. This particular project was creating a theme of the program that would work for Sam's Club.

## Responsibilities

- Examined and repaired errors in Javascript files.
- Examined and repaired errors in CSS.
- Made CSS changes in line with existing documentation of graphics
- Developed new Dojo modules using HTML, CSS, Javascript and Dojo functionalities.
- Support Dojo modules with Java functionality to display information from backend services.
- Generated CSS to follow Sam's Club thematic.
- Created Splunk dashboards to monitor data of test units.

## Tools / Technologies

HTML, Javascript, CSS, Dojo, JSON, Splunk, Jetty, Java, Jira, Git



## Projects

### Tech Screen Management

ScreenForce is an application intended to help technical screeners assess potential Revature employees. The application allows for users to track candidates by managing screening scores and notes. The application is built on a Java Microservice ecosystem, and leverages a frontend built with Angular.

### Roles / Responsibilities

- Developed various Microservices using Spring Boot, Hibernate and Restful web services technologies.
- Developed the Jenkins Pipelines for Continuous Integration and Continuous Delivery.
- Explained the best practices for Git branching and merge conflict avoidance.
- Assisted with the development of the front end of the project using Angular.
- Converted project builds to Docker Images for server deployment of each microservice.
- Deployed Project to AWS EC2 Server.
- Created JUnit test cases for Jenkins use and to follow test driven development.
- Worked in Agile Environment and used Trello to manage the project.
- Tested and verified microservice input and output using Postman.

### Environment / Technologies

Angular, TypeScript, JPA, Spring Cloud, Microservices, Jasmine, Protractor, Karma, HTML, JavaScript, REST, Spring, Java, Hibernate, SQL

### Revature's Social Network - Spring

In Revature's Social Network everyone is friends with everyone. Users can register, login to the application and start sharing multimedia with everyone. Registered users are allowed to modify their personal information and upload their profile picture. The application provides a search feature that allows users to find others and look at their profiles. Users are provided with a "feed", in which they can see what everyone is posting, like it and comment it. Users can access and use the application via an interactive client-side single paged application that stores and retrieves multimedia using AWS S3 and consumes a RESTful web service that provides business logic and access to a database.

### Roles / Responsibilities

- Implemented the DAO Design pattern for loose coupling

- Developed the spring Controllers and used Dispatcher Servlet as the front controller.
- Mapped the Controller URLs to follow the REST API and Json as the standard format for data transfer.
- Modified Angular pages to create an appropriate user interface for resetting a password using an email service.
- Created an Email Service using JavaMailSender and Spring Context Support.
- Performed testing using Postman to verify the input and output of the Restful API.
- Managed version control using Git and separated development using branches.
- Implemented Log4J to debug and track the program.

## Environment / Technologies

Java, Hibernate, Spring, Angular, Jenkins, JUnit, S3

## 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.

## Roles / Responsibilities

- Generated schema for database using SQL calls.
- Created the functionality to connect to the database using Java and JDBC in order to transfer data from Java into the SQL database.
- Used Servlet functionality to generate HTML pages that can be accessed through a URL.
- Generated JSON files using Servlet, Jackson, and Java functionality with data from the database.
- Transferred data using AJAX from JSON files to web services dynamically.
- Created Login functionality by storing usernames and passwords in the database, and created an authentication system using HttpSession Objects to verify if they are a manager or a standard user.
- Created views using HTML, CSS, and Bootstrap for the users to make managing their reimbursement requests clean and friendly.
- Ran the program successfully for demo as a Dynamic Web Project using Maven and Tomcat Server.

## Environment / Technologies

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