Simon MPOY

Full Stack developer

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| EXPERIENCE

Revature. Tampa, Florida — *Software Developer*
NOVEMBER 2019 - PRESENT

Extensive experience in building modern and responsive web applications using **HTML 5, CSS 3, JavaScript / TypeScript, AJAX**, and **Angular 8** on the front-end and implemented the server business logic using **Java** 8.

Followed the front-controller design pattern to build HTTP Servlets and Controllers and utilized DAO Design Pattern to set-up the models, how to access, retrieve and update information in the database using **JDBC**.

Designed, normalized and implemented databases using **Oracle SQL** as RDBMS. Created and configured AWS-RDS as a database for all projects and AWS S3 for data storage.

Leveraged Spring frameworks to build REST API, AOP and ORM functionalities.

| PROJECTS

Revature Interview Tracker

The Revature Interview Tracker was a microservice application built to create a thorough process for interviewing and hiring external Trainers. This was to allow managing personnel to track external prospects in terms of their skills and experience. Users could create profiles for prospects, attach skills to the profile and leave reviews and feedback for proper documentation.

Responsibilities
Led the front-end team to develop the mock-up of the application using Adobe XD
Developed the front-end using HTML 5, CSS 5, Angular and Angular Material
Leveraged Spring Boot to get the project dependencies, servlets, and controllers.
Learnt Spring Cloud to achieve the micro-services architecture, using Zuul as the API gateway, Eureka as a service registry

Technologies used
Java, Spring, Angular, Jenkins, JUnit, JavaScript, HTML, CSS, Git, Maven, TDD, Microservices, Spring Cloud, Continuous Integration

| EDUCATION

Tshwane University of Technology, South Africa
Bachelor Degree in Computer Engineering
JANUARY 2008 - JULY 2012

| SKILLS

Languages
Java, Javascript, Typescript

Front-end
Html & CSS (Materialize CSS, semantic UI Bootstrap)

Frameworks
Maven, Spring, NodeJS, Angular

Data Access & Database
Oracle SQL, Hibernate, JDBC, Spring Data

Cloud Services
AWS RDS, S3, EC2

Version Control and Repository
Git, Github, Gitlab

| LANGUAGES

English, French

Revature's Social Network

Web application where everyone is friends with everyone. Users are able to register, login to the application and start sharing multimedia with everyone. Registered users are able 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 on it.

Responsibilities
Designed the front-end of the application using Angular Material, CSS and Html.
Used Spring MVC to handle Servlets creation, controllers mapping, and all Dependency Injections throughout the application.
Configured Hibernate with JPA annotations to set up models and get all required mapped database objects. Amazon RDS was configured for the oracle database.
Leveraged AWS - SDK to successfully post and retrieve objects saved on Amazon S3.
Implemented an SMTP client to deliver registration and password reset to users.

Technologies used
Java, Spring MVC, Angular, Angular Material, CSS, Html, JUnit, Git, Maven, TDD, Hibernate, AWS RDS, AWS S3

Revature's Expense Reimbursement System

Web application to manage the process of reimbursing employees for expenses incurred while on company time. All employees in the company could login and submit requests for reimbursement and view their past tickets and pending requests. Finance managers could 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
Designed a user-friendly and modern front End using HTML, CSS/Bootstrap and JavaScript.
Implemented AJAX requests to fetch and push data from and to the server.
Added Tomcat web container to manage all HTTP requests and responses.
Configured servlets and controllers using the front-controller design pattern.
Implemented the DAO Design pattern to define the models and how to access the database for retrieving, updating and inserting data using JDBC.
Constructed and created the Oracle SQL database and tables on Amazon RDS.
Implemented JUnit for Unit testing and Log4j for logging.

Technologies used
Java, Servlets, Javascript, Html, CSS (including Bootstrap), JUnit, Git, Maven, AWS RDS and JDBC

| OTHER PROJECTS

JNK Foundation Website
Angular, Materialize CSS, Stripe framework
Web application the present basic information of the foundation and allow users to donate using the stripe integration to the application
https://github.com/LeBaron88/jnk_foundation

Emaily
Node Express React Redux
App that provides email surveys to its users for a defined subscription fee.
https://github.com/LeBaron88/Emaily

Card Matching Game
Javascript Html CSS
A simple game of matching card pairs
https://github.com/LeBaron88/CardMatchGame

Budgetery
Javascript Html CSS
Application that manages budgets
https://github.com/LeBaron88/budgetery

GuessList App
Node Express React
A responsive app to manage guests attendance at Vanessa Wedding
https://github.com/LeBaron88/VanessaGuestListApp

Wedding Website
Javascript Jquery Html CSS
A responsive wedding website developed for Vanessa wedding
https://github.com/LeBaron88/vanessa_wedding_website