



ALEX ROSA

Software Developer

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GitHub [AlexDotExe](#)

Languages

Experienced in:

Java x86Assembler

C/C++ Javascript

HTML/CSS Oracle SQL

Angular 2+ Node.js

Technologies

JDBC,

JSP, Servlets

SpringBoot/Maven

Hibernate

Oracle11g,/AWS RDS

EDUCATION

Associate of Science /CS

Borough of Manhattan CC
2014 - 2016

Bachelor of Science / CS

University at Buffalo,
2017 - 2020

PROJECTS/EXPERIENCE

Circle -Social Network, Circle, October 2020-Present/ Lead Developer

- Singlehandedly developed and deployed a social network using Spring Boot as the server and angular for the front end.
- Used swagger UI to automate API documentation and design.
- Configured an AWS RDS to host an Oracle SQL database that stores user information and authentication tokens.
- Used JWT to authenticate users with a signed private key from java KeyStore
- Utilized Lombok and Mapstruct libraries to automate the creation of constructor methods and mapping classes
- Used Singleton Pattern in manager objects to maintain only one object of them in memory.
- Used log4j for writing into Application and Error logs.

Revature-July-October 2020 Junior Developer

- Used RESTful web services to expose certain functionalities of the application.
- Implemented Ajax, DOJO for asynchronous communication with server providing better user experience
- Used mainly Dispatch Action to control the wizard navigation.
- Developed the front end using JSP and HTML, CSS
- Involve in DAO Data Access Objects to retrieve data from database.
- Architectural, technical and functional understanding of the interfacing modules. Involved in different activities like design, deployment, unit testing and test case creation. Build and release co-ordination for different modules.
- Used AWS for databases, learned to use EC2, RDS, S3
- Used Mockito and Junit to test functionality
- Used Eclipse Enterprise as IDE
- Used JDBC to modify an existing AWS Oracle database
- Design Database tables.
- Wrote SQL queries and stored procedures.
- Involved in Unit testing, System Testing and writing test cases.
- Apache Tomcat server administration.

ZorkV-Voice Controlled Video Game, University at Buffalo

- Created a voice-interactive version of the game Zork using Java and C
- Created a protocol for which Java and C can communicate
- Expanded original user input range by connecting to web API for thesaurus.com and using synonyms as basis for connectivity

Leadership

Frontline Supervisor

United Postal Service, Buffalo, NY / November 2017 – May 2020

- Led a team of 10-20 loaders/unloaders to meet production goals
- Utilized proprietary analytic software to devise goals for increasing productivity
- Ran and debugged a mechanically automated sorting system