

Summary

I am a software engineer that been building Java applications professionally for five years. For over two years, I have worked at LifeJourney, a Baltimore-based education technology startup, building a web application used by hundreds of students on a daily basis. Java is my most proficient language, though I also work with Javascript on the front end using Angular and have used NodeJS for a few side projects.

Relevant Experience

- **LifeJourney.us** LifeJourney
Software Engineer 2014-Present
 - Built and maintained web application in Java using Spring and Hibernate, capable of handling thousands of concurrent users by means of NGINX load balancing and multiple Tomcat servers
 - Developed and maintained frontend in Javascript (Angular)
 - Provided backend services to iOS application via RESTful web services
 - Maintained 80% unit test coverage using JUnit and Jasmine on the back and front ends respectively, as well built integration tests using Geb and REST Assured
 - Wrote migration scripts in Groovy that managed the migration of multiple versions of the application to satisfy multiple clients concurrently
 - Built deployment scripts in Ruby using Capistrano to manage the deployment of the application to multiple environments
- **MatOnto Materials Science Framework** iNovex Information Systems
Software Developer 2014
 - Developed REST controllers using Groovy on Grails that orchestrated CKAN data publishing
 - Built ontologies serialized in RDF to enable federated SPARQL queries across multiple data sources
 - Managed and counseled interns who built customer facing website using Twitter Bootstrap
- **Semantic Web Integration Prototype** iNovex Information Systems
Software Developer 2012 - 2013
 - Designed graph data system backed by Accumulo big data store to handle high volume integrated data, which led to increased data retrieval and application response time
 - Integrated structured, semi-structured, and unstructured data using W3C Semantic Web standards, which yielded inherent data layer linkages between like or similar entities from disparate data sets

Education

- **Connecticut College** New London, CT
B.A. Major Computer Science, Minor Economics (GPA 3.28) Aug. 2008 - May. 2012
 - Relevant Courses: Computational Intelligence, Artificial Intelligence, Networks, Algorithms, Data Structures, Computer Organization, Topics in Software Development
- **University of Nottingham** Nottingham, UK
Study Abroad Sept. 2010 - Jan. 2011
 - Relevant Courses: Operations Research and Optimization, Knowledge Representation and Reasoning, Graphical User Interfaces, Software Engineering Methodologies, Introduction to Formal Reasoning

Skills

Languages: Java (Proficient), Javascript (Proficient), Groovy (Proficient), Ruby (Competent), HTML/CSS (Proficient), Sass (Proficient), MySQL (Competent)

Certifications: Oracle Certified Associate, Java SE 7 Programmer