



Alden Sharp

PROFESSIONAL SUMMARY

Alden Sharp is an associate Java Developer who has independently developed proficiencies in a number of web development languages, including HTML, XML, CSS, JavaScript, JQuery, AngularJS, Swift, Spring, JPQL, and MySQL. Alden is a graduate of the FastTrack'D Java Developer program and is skilled in developing, deploying, testing, troubleshooting, and maintaining Java applications. He has achieved a productive level of knowledge in Java frameworks such as Spring and Hibernate, as well as JDBC, MVC, and related technologies. Alden is experienced and productive with Eclipse, Node, NPM, Maven, Postman, Restful Web Services, and deployment to Wildfly servers.

TECHNICAL SKILLS

Programming: Java, J2EE, Spring MVC/IOC, Swing, jQuery, JAXB, JSP, HTML, JavaScript (imperative and functional), AngularJS, XML, CSS, Python, C++
Software: Eclipse, Maven, Atom, Node, NPM, Vorpall, SLF4J, Wildfly, MySQL Workbench, Excel, Word, PowerPoint, Access, Git, Travis CI, Postman
RDBMS: MySQL 5.X, Hibernate
Operating Systems: Windows 7/8/10

PROFESSIONAL EXPERIENCE

COOK SYSTEMS INTERNATIONAL – Memphis, TN
FastTrack'D Developer

02/15 – Present

Messaging Application

- Developed messaging application which uses Java networking sockets to broadcast text submitted by a logged-in user, using asynchronous methods in Java and JavaScript to maintain concurrency.
- Developed registration, login authentication, and user account personalization services using the JavaScript Vorpall library.
- Maintained communication between a server and a client handler using Java server sockets and handler threads.
- *Environment: Eclipse-based Tool Suite supplemented with Atom and NPM*

File-Sharing Application

- Developed file-sharing application which uses networking sockets to access and retrieve files located on a remote server, using the JavaScript Vorpall library to create the user interface.
- Created secure communication application which displayed chat room and message information using JAXB.
- Developed JAXB-managed login service which used Java DAO models and SQL to manage user information.
- Integrated JAXB Security with B-Crypt hashing to manage user creation and authentication process.
- *Environment: Eclipse-based Tool Suite supplemented with Atom and NPM*

Online Resume Application

- Developed website displaying the FastTrack'D professional resume, with user registration, login, and authentication services, and website analytics for administrator accounts.
- Created HTML template handling using AngularJS, with CSS styling managed by Bootstrap.
- Developed Java business logic using REST controllers and the Spring framework, implementing services to maintain connections between controllers and repositories.
- Created connections to a MySQL database using JPA repositories and Hibernate ORM.
- *Environment: Eclipse-based Spring Tool Suite*

EDUCATION

Cook Systems FastTrack'D Java Program

05/16

Concentrated Java Frameworks and developer tools training

Wilkes Honors College of Florida Atlantic University – Jupiter, Florida

08/11 – 04/15

BA Liberal Arts and Sciences, *Summa Cum Laude*, Dual Concentration in Mathematics and Philosophy, with significant focus on logic and programming.

Overall GPA: 3.942

Honors Undergraduate Thesis: *Modeling Sound Change in the Evolution of Spoken Language*: Created a C++ algorithm of phonological transformations, elucidated by means of an example evolution model with Classical Latin to Modern Standard Spanish.