

AKANKSHA JAIN

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EXPERTISE

- **Programming Languages:** Java, JavaScript, J2EE, SQL, TSQL, PL/SQL, Shell Scripting
- **Web Technologies:** AngularJS, JSP, XML, HTML5, CSS3, jQuery, AJAX, Java Beans
- **Database Management Systems:** My SQL, Oracle, SQL Server, HSQLDB, PostgreSQL
- **Frameworks:** Spring, Spring MVC, JSF, Hibernate, JUnit, Selenium, Jasmine
- **Servers:** Apache Tomcat, JBoss, WebSphere, Jenkins, V8
- **Version Control Systems:** GitHub, SVN

PROFESSIONAL EXPERIENCE

Software Engineer | JavaScript, Java, HTML, CSS, JSON, JQUERY, AJAX, SQL, Jasmine

McGrawHill, Irvine, CA | October 2016 – Present

- Design, develop, implement and test ALEKS software programming applications.
- Wrote and implemented scripts to enhance user experience and integrated scripts with CMS.
- Development and maintenance of internal application used by various teams across department to build tools and create content for the learning assessment platform.
- Analyze, expand and recreate content management tools and features.
- Contribute towards overall improvement of ALEKS internal system and existing architecture.
- Develop and promote effective unit testing for better quality.

Software Engineer | AngularJS, J2EE, Spring MVC, SQL, JUnit

AES Global INC, Anaheim, CA | May 2015 – August 2015

- Designed, implemented and tested RESTful web application using Spring MVC framework.
- Programmed a single sign on platform for client registration and process tracking.
- Created extensive logger to analyze and record customer transactions.
- Assisted with user-acceptance testing and defect tracking for new software releases.
- Modified and maintained internal portal software for staff.
- Worked closely with clients to establish problem specifications and system designs.

Software Engineer | Java, J2EE, Spring MVC, Unix, Selenium, Cucumber

Amdocs DVCI, Pune, India | June 2012 – June 2014

- Built, developed and deployed highly available and modular software products.
- Designed and developed enterprise ordering system for enterprise customer.
- Worked on both client side and server-side parts of the system.
- Troubleshoot software issues using standard debugging techniques and coding techniques.
- Performed risk assessment and research by closely monitoring test cases
- Collaborated with product management to test, design and build billing systems.

ADDITIONAL PROJECTS

Search Application | Spring MVC, JSP, Servlets, Rest API

RESTful web application which takes input string as a parameter and searches the string and related patterns in a large repository of data and gives the reference to files found. It also saves the frequency of the searched words and stores the results in cache for faster access.

Intrusion Detection and Prevention System | Perl, Debian, Linux, Computer Networking

A network hack prevention system which analyses network traffic at the server and logs in detailed information about the frames being transmitted. The system blocks IP addresses if the data transmission is faulty and does not store it for further validation.

Social Media Application | Java, J2EE, Hibernate, Rest API, Java Multi-threading and concurrency

A clone of reddit.com built using Hibernate and RESTful Web services. The web application provided the functionality to sign in and sign up users, post and explore (like, dislike) posts and comment on the posts.

Personal Portfolio Website | ReactJS, Bootstrap, GitHub Pages

Personal website to showcase portfolio and understanding of using open source libraries.

EDUCATION

California State University, Fullerton [May 2016]

Master of Science, Computer Science

Walchand Institute of Technology, India [May 2012]

Bachelor of Technology, Computer Science & Engineering