Yashwanth K

Summary:

* **Hardworking, data driven and process-oriented** Java Full Stack Developer **with about six (6) years** of experience in Analysis, Design, Development, Testing and Program Implementation of software applications using client-server architecture with consistently increasing responsibilities and involvement in all stages of Software Development Life Cycle
* Demonstrated proficiency in **Spring** Framework and Hibernate Framework
* Experienced in producing and consuming **RESTful** Web Services and Microservices
* Good understanding of **Object Oriented Programming(OOPS)** concepts and ability to develop an application by using those concepts and knowledge **of** UML
* **Worked on** Cloud Computing Services **with** AWS (Amazon Web Services) **including EC2, S3, RDS, Storage Gateways, Lambda, etc.**
* Experience in database programming involving **Stored Procedures and Views**, implementation with MySQL Server
* I’m an **AWS Certified Cloud Practitioner.**
* **Used** SonarQube **for code coverage and code quality.**
* Proficient in developing rich and responsive user interfaces using **HTML5, CSS and bootstrap**.
* Experienced in front end engineering using **AJAX, JavaScript, and JQuery and AngularJS**. Worked on **complex JavaScript** libraries including **SlickGrid and RequireJS**
* Experienced working on **Single page applications**
* Sound knowledge of version control systems like **Rapid SVN** and **Tortoise SVN**
* Self-motivated team player with problem solving skills and a thirst to learn the latest technologies

**Technical Skills:**

* **Java and Java EE:** Java, Java Server Pages(JSP), JSP Standard Tag Library(JSTL), Java Database Connectivity(JDBC), JavaMail, JAX-RS, Java Persistence, JAXB and Design Patterns
* **Frameworks:** Spring Framework, Hibernate 4.x/5.x, Angular, Play Framework
* **Mark-up/Scripting:** HTML5, CSS, JavaScript, AJAX, jQuery, JSON, Bootstrap, XML
* **Application Servers/Web Servers:** Apache Tomcat, Nginx
* **DBMS/RDBMS:** MySQL, MS Access, SQL Server
* **Database Tools:** MySQL workbench, SQL Developer
* **Version/Source Control Systems:** SVN, Tortoise SVN, Rapid SVN, GitHub
* **IDE & Reporting Tools:** Eclipse, NetBeans, RAD
* **OS & Environment:** Windows Family, Ubuntu, and Linux.
* **Build Tools:** Maven
* **Other skills:** Application Deployment and Configuration setup, code reviews, performance enhancements

**Education:**

* **MS in Computer Science**, Governors State University, IL, **GPA 3.82** **Aug’2015-Aug’2016**

**Projects:**

**Cognizant Technology Solutions, Columbus, Ohio Feb’ 2017 – present**

**Role: Full stack Java Developer**

**Responsibilities:**

* + Developed new responsive web pages using JSP and populated data by making service calls
	+ Configured and reconfigured **Spring web flow** xml files as per updated requirements
	+ Converted complete application into **ADA compliance** including compliance with screen reader, removing duplicate ids, grouping controls, etc.
	+ Created new action classes with **Dependency Injection** using Annotation autowiring
	+ Updated numerous SQL scripts to insert and remove various rules used by Rules framework
	+ Designed and developed abstract classes, interfaces classes to construct the business logic using **Object Oriented Concepts**
	+ Created various stages for **CI/CD pipeline** in **Jenkinsfile** (Declarative pipeline) including Preparation, Build, Test and Deploy
	+ Created POC to migrate On-premises to cloud using Storage AWS Gateway Service, AWS S3 and EC2
	+ Created Cloud Components using AWS Lambda for transformations on S3 events
	+ Written shell scripts used in Jenkinsfile to **build, backup and deploy** process
	+ Established coding standards and enforced them through automated tools **SonarQube**.
	+ Integrated chat box and SonarQube into Jenkinsfile for communicating build status to deployment chat and generating health report of the application code
	+ Implemented Service layer and Data Access layers used in the application
	+ Analyzed defects by checking **Splunk** logs
	+ Extensively involved in Peer-to-peer code reviews
	+ Researched and implemented code coverage using **SonarQube** **scanner** and runner and unit test plug-ins like find bugs, check style and JUnit with Maven.
	+ Responsible to convert AngularJS views to ADA compliance
	+ Responsible to build **RESTful web services** using Spring framework includes annotations Controller, Rest controller, Request mapping, Request parameter, etc.
	+ Daily activities include building application using **Jenkins**, code deployments using **UCD** (Urban Code Deploy), creating and merging new branches on **GitHub**, working on incidents generated in ServiceNow
	+ Worked on Migration project to convert SQR (Structured Query Reporter) to Java code

**Environment:** Java, Java Script, jQuery, HTML5, CSS, Spring Framework, Maven, Ajax, Ubuntu, RAD, JSON, Splunk, Jenkins, GitHub, UCD, AngularJS, ServiceNow, SQR, Amazon Web Services(AWS)

**Dextro Software Systems, Princeton, New Jersey Sep’ 2016 – Feb’ 2017**

**Role: Java Developer**

Responsibilities:

* Developed the classes using Java, which incorporate N-tier architecture and database
* connectivity
* Involved in writing and modifying Stored procedures and Views as per the requirement
* Responsible to create Web Application Archive(WAR) files required for the deployment
* Responsible to build pom.xml file to configure Maven and to include all the dependencies

 required for the application

Environment: **Java, Java Script, JQuery, Bootstrap, CSS, Bootstrap, Postman, Firebug**

**Governors State University, Chicago, IL Jan’ 2016 – Jun’ 2016**

**Role: Graduate Assistant**

Responsibilities:

* Developed rich and responsive web interfaces for University website
* Used Angular JS to build single page application
* Created angular components includes controllers, services and directives
* Created forms, form validation and events using Angular JS
* Used services including http to get the data from the server and update the DOM elements
* Performed maintenance activities for University portal
* Responsible for gathering all the information of professors and staff associated to social work department of CSWE registered universities across all the states in USA
* Used scrapper tool to collect the information over the internet and populate into excel sheets used for mailing list
* Worked on End Note Software and collected citations

Environment: **HTML5, CSS, Bootstrap, JavaScript, JQuery, Angular JS, End Note**

Ubitous Information Systems, Hyderabad, India Jan’2014 - July’2015

**Project: Warehouse Application**

**Role: Software Engineer**

Responsibilities:

* Involved in daily **scrums** and weekly meeting with the project sponsors
* Developed **RESTful** web services using **Spring MVC framework**
* Extensively worked on **Hibernate framework** for persistence layer
* Responsible to build **pom.xml** file to configure **Maven** and to include all the dependencies required for the application
* Developed the classes using Java, which incorporate **N-tier architecture** and database connectivity
* Developed rich and responsive user interfaces using **HTML5, CSS and Bootstrap**
* Resolved responsiveness issues using **complex media queries** for Bootstrap Glyphicons
* Created numerous responsive **handlebar templates**
* Extensively developed custom JQuery code to show **multiple** **Bootstrap modals** and to switch between multiple modals simultaneously
* Responsible to consume **RESTful web services** using **AJAX** in **JSON** format and to convert to customized JavaScript objects
* Responsible to compile **Handlebar templates** and to create Document Object Model(DOM) nodes by passing customized JavaScript objects
* Developed JavaScript functions to implement **‘Callback’ technique** to handle dependent asynchronous AJAX calls
* Responsible to create **Web Application Archive(WAR)** files required for the deployment
* Involved in performing manual testing for all units in developed pages
* Designed and developed abstract classes, interfaces classes to construct the business logic using **Object Oriented Concepts**
* Involved in writing and modifying **Stored procedures and Views** as per the requirement
* Participated in peer code reviews for better quality assurance

Environment: **Java, Spring Framework, Hibernate Framework, MySQL, Amazon Elastic Compute Cloud (Amazon EC2), Amazon Relational Database Service (RDS), JSP, JSTL, Apache Tomcat, HTML5, CSS, Bootstrap, Ajax**, JSON, XML, JavaScript, jQuery, Handlebars Template Engine, Maven, Google-gson

Ubitous Information Systems, Hyderabad, India **Dec’2012 - Dec’2013**

**Project: Smartlist Module**

**Role: Jr Software Engineer**

Responsibilities:

* Experience in working with two week sprints in an **Agile/Scrum** environment
* Extensively worked on complex JavaScript **SlickGrid library**
* Performed **AJAX calls** to consume web services in **JSON** format and to convert into customized JavaScript objects
* Responsible to implement numerous client side **validations** throughout the module
* Implemented **lazy loading** of JavaScript files using **RequireJS**
* Presentation layer and UI Design developed using HTML, CSS, Bootstrap, JavaScript, JQuery, Ajax
* Involvement in fixing the bugs based on the client requirements and involved in the enhancements for the web forms
* **Custom paging** to display huge amount of data using SlickGrid
* Written JavaScript functions to implement filters on input data based on members, dates and type of conversation
* Involvement in fixing the bugs based on the client requirements and involved in the enhancements for the web forms
* Handled pagination both at server side and front end to show large amount of data for enhancing user experience and to write utility JavaScript file used throughout the application
* Responsible to provide documentation and implementation of **regression testing**

Environment: Scala, Play framework, Nginx, MySQL, JavaScript, HTML, CSS, Bootstrap, jQuery, Handlebars, SlickGrid, RequireJS, JSON, Rapid SVN

**Ubitous Information Systems, Hyderabad, India Jul’2012 - Dec’2012**

**Project: Mail Digest**

**Role: Jr Software Engineer**

Responsibilities:

* Consumed RESTful web services using Apache **HTTP components**
* Created **Java beans** considering JSON data
* Created mail HTML templates using Velocity template with inline styles
* Responsible to write code for compiling **Velocity templates** and generate content for e-mails
* Developed classes using Java, to send emails to users using **Java Mail API**
* Implemented **Singleton design pattern** and **multi-threading** to increase performance
* Responsible to write classes in Java to read property file and to create runnable jars
* Scheduled **Cron jobs** to run Mail Digest
* Written **shell script** to automate Mail Digest
* Involved in enhancing templates as per the requirement
* Involved in fixing bugs in the application

Environment: **Java, Apache Velocity Template engine, Apache HTTP Components, JavaMail, Cron jobs, Shell Script, Maven, HTML, JSON, Eclipse IDE**