Avinash A

**Professional Summary**

* Over 8 years of experience in the IT industry involving analysis, design, implementation, integration, administration, and testing of various systems.
* Expertise in **J2EE** Design Patterns, **Data Modeling** and **Data Base Management**.
* Experience in developing applications using Core Java, J2EE, JSP, Servlets, Struts, Spring 3.2, Spring 4.0, Hibernate, Web Services (SOAP, REST), **JAX-RS, JAX-WS, JMS, JDBC, XML**, HTML5, CSS3, JavaScript, AngularJS, XSLT, JSON, Ajax and jQuery.
* Experience in Core Java methodologies/concepts like **JVM, Memory Management** and Multi-threading.
* Expertise Hands-on experience with Web Application Development using J2EE technologies and Oracle.
* Good Exposure to work on FrameWork using **Struts MVC, Spring MVC** Architecture.
* Experience in design, development and deployment of enterprise applications for J2EE platform using **JAVA, J2EE, Hibernate3.0, spring 4.0, Web Services, XML** JavaScript, SQL, and HTML.
* Extensive experience developing applications using agile methodologies like Test Driven Development (TDD), SCRUM and KANBAN along with sound knowledge on integration tools like Jenkins, Quick Build, Bamboo
* Experience in dynamic web development using **jQuery, AJAX, JavaScript, XML** and CSS.
* Experience in implementing the **AngularJS** and **React JS** frameworks.
* Good Knowledge on JavaScript libraries which include Angular JS versions (1.0,2.0), React JS, NodeJS, backbone.js and GWT.
* Experience in developing single page web applications using HTML, CSS, Bootstrap and AngularJS.
* Experience in developing Web Services using **SOAP** and **REST**.
* Strong Experience in Oracle and back-end programming. Good Experience in **SQL, PLSQL** Normalization, creation of stored procedures and function.
* Strong Experience in NoSQL programming. Exposure to **NoSQL** databases like MongoDB, Cassandra.
* Experience in using Log4J, Version Control using GIT, BitBucket, SVN, CVS and Maven, Jenkins used for the automatic build process.
* Worked on different OS UNIX, Linux and Windows.
* Good understanding of client-side builds tools like **npm, bower, Grunt** and **Gulp.**
* Experience in working with **MQ, ActiveMQ, IBM MQ, IBM WebSphere**, Portal/Application Server, **BE WebLogic**, and Apache Tomcat5 application servers.
* Experience in using open source **ESB** products like **Apache Camel, JBoss**Fuse.
* Experience in using **GWT** (Google Web Toolkit) for optimizing the code and increase the performance of web applications.
* Expertise in Back-end/server-side java technologies such as Web services, Java persistence API (**JPA**), Java. Messaging Service (**JMS**), **RabbitMQ,** Java Database Connectivity (**JDBC**), Java Naming and Directory Interface (**JND**).
* Strong experience in different IDEs like RAD, Eclipse, Spring Tool Suite and IntelliJ IDEA and worked on various application and web servers like JBoss, BES Web Logic, IBM Web Sphere, Glassfish, Camel and Apache Tomcat.
* Experience in working with EC2 Container Service plug-in in **JENKINS** which automates the Jenkins master-slave configuration by creating temporary slaves.
* Automate provisioning and Maintaining large number of servers on AWS instances.
* Experience in using AWS (Amazon Web Services) for hosting the client applications. Used **AWS** to transform the hosted applications to cloud applications.
* Design, development and testing of reliable and secure sites, Load balancer-based applications built using groovy on grails.
* Strong knowledge on Hibernate and in using Hibernate Connection Pooling, **HQL, Collections, Hibernate Caching, Hibernate Transactions**, Optimistic Locking.
* Implemented security and authentication concepts such as **OAuth 2.0**, and **Cryptographic** algorithms.
* Experience in using Sencha for the automation unit testing of the build applications.
* Experience in using service virtualization product like **LISA.**
* Used **LISA** to process the data/ applications for the teams in the organization. Good Exposure in using LISA for business participants across organizations.
* Used **LISA** to ensure the effectiveness of the application by recording the process and testing it.
* Experience in using defect project/defect management suites like **JIRA.**
* Experience in using Selenium for automated test cases.
* Excellent work experience on RDBMS like **Oracle** and **MySQL**. Had a great exposure in using mainframes which support old/legacy applications.
* Experience in Infrastructure Development and Operations, involved in designing and deploying utilizing almost all the AWS stack like **EC2, EBS, S3, VPC, RDS, SES, ELB**, Autoscaling, CloudFront, CloudFormation, elastic cache, CloudWatch, SNS, **Route 53.**
* Good Exposure in using Teradata for data analytics.
* Excellent Team player with very good attitude and excellent interpersonal skills with analytical abilities, communication skills.

**Technical skills**

|  |  |
| --- | --- |
| Programming languages | Java/J2EE (JSP, Servlets, JSTL, and other java related technologies.), C++, C, SQL, PL/SQL. |
| Scripting languages | jQuery, JavaScript, Shell Script. |
| Web services | SOAP, Microservices, JAX-RPC, WSDL, JAX-RS JAX-WS, UDDI, JAX-B, CFX, Restful. |
| J2SE/J2EE Technologies | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, Jakarta Struts, JSF, EJB, Spring, Hibernate, JTA, JNDI, JPA, JMS. |
| IDE | Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD). |
| Web Technologies | HTML5, CSS3, JavaScript, jQuery, Bootstrap, JSON Restful, AngularJS, AJAX, Node.JS. |
| Web servers | JBoss, WebLogic, WebSphere, Tomcat, Jetty, Apache. |
| Databases | Oracle, MySQL, MSSQL Server, Sybase, PostgreSQL. |
| Database tools | SQL Developer, DB Artisan, TOAD, MSSQL Server Management Studio. |
| Cloud | AWS EC2, S3, RDS, Pivotal Cloud Foundry. |
| Reporting tools | Jasper Reports, BIRT, Crystal Reports. |
| Build tools | Gradle, Maven, ANT. |
| Tools and Framework | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, JSF, JUnit, SOAP UI, JReport, Rational Rose, IBM MQ, RabbitMQ, Spring Boot. |
| Version Control | Git, SVN, CVS, VSS (Visual Source Safe). |
| Operating Systems | Windows (XP, 7, 8/8.1, 10), Linux, Unix. |

**Education**

Bachelor of Technology in Computer Science, JNTUH, India, May 2010.

Full Stack Java Developer Sep 2017 – Till Date

**Express-Scripts St. Louis, Missouri**

Express-Scripts holding company is an American Fortune 100 company. As of 2018, the company is the 25th-largest in the United States as well as the largest Pharmacy benefit management (PBM) organization in the United States. Express Scripts provides integrated pharmacy benefit management services including network-pharmacy claims processing, home delivery pharmacy services, specialty pharmacy benefit management through its subsidiary Accredo.s

**Environment**

JDK 1.8, Java 8, Spring 4.0(Boot, MVC, Spring Integration, AOP),Hibernate 4.0, JAX-RS Webservices, java 8,GWT,Docker,Restful services, C++, jQuery, JavaScript, NoSQL Databases (MongoDB), Linux, Cloud Foundry, Microsoft Azure,Microservices, AJAX, UML, Oracle 11g, RabbitMQ, WebLogic, Eclipse, Junit, SOAPUI, Log4j, Gradle ,AWS, NodeJS, Bootstrap, HTML5, CSS3, Maven, Junit, Selenium, JIRA, , ApacheKafka,Angular 2.

**Responsibilities**

* Involved in developing Webservice operations in**Microservice Architecture**.
* Analyze requirements with team, write High Level design documents, System Use Case, analyze risk factors.
* Web Testing was implemented using Selenium.
* Followed **agile methodology** during complete **SDLC** process.
* Participated **Agile/Scrum** development and deployment teams.
* Performs complex systems development and design work that may include logic design, architecture design for **Cloud computing** (preferably AWS or Azure), and/or digital systems engineering.
* Used **spring boot and spring-boot-dev tools** for the application development.
* Responsible for Web UI development in JavaScript using jQuery, **Angula**r **2**, and AJAX
* Involved in front end development using Struts, JSP's, JSF and JSTL.
* Used **JAXB** for marshalling and unmarshalling of work order, billing XML documents, and **JAXP** for processing.
* Developed **REST** Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
* Design and developed request and response **XML**Schema(**XSD**) documents for webservice operations such as Retrieve History
* Developing Intranet Web Application using **J2EE** architecture, using JSP to design the user interfaces and Hibernate for database connectivity.
* Developed DAOs using **JPA**, **hibernate**persistence API for the database operations to interact with **Oracle Database**.
* Provides system/equipment/specialized training and technical guidance for utilizing **cloud computing** resources.
* Developed web service client using **Spring** Framework and **REST** HTTP protocol to get customer credentials and information.
* Responsible for creating efficient design and developing User Interaction screens using **HTML**, **CSS**, **JavaScript**, **jQuery**, **AJAX** and **JSON**.
* Implementing JSP Standard Tag Libraries (JSTL) along with Expression Language (EL).
* Created Mock-up designs and developed various functionalities with **JavaScript** and **jQuery**.
* Creating custom, general use modules and components which extend the elements and modules of core **AngularJS.**
* Extracted data in UI for different clients using **JSON.**
* Used AngularJS as the development framework to build a single-page application and reusable AngularJS applications.
* Integrated with third party Sale point API to make restful webservice call.
* Strong experience in **cloud computing** services like Microsoft Azure.
* Designed and developed necessary PL/SQL for the database operations as needed.
* Strong experience in object-oriented technologies with OOPS concepts like **C++.**
* Involved in deployment of the application at various environments (Development, QA Testing, Staging, and Production).
* Used **Gradle** for the project management like build, install.
* Develops sizing models for leveraging **Cloud computing** services (AWS or Azure).
* Deployed application on Apache Tomcat server.
* Used **Accurev**for version control and repository.
* Involved in writing Unit test cases for unit testing using **Ju**nit.

Java Developer July 2016– Aug 2017

**LabCorp Burlington, North Carolina** Laboratory Corporation of America Holdings is also known as LabCorp. LabCorp is an American company whose headquarters is located at Burlington, North Carolina. This company operates one of the largest clinical laboratory networks in the world having 36 primary laboratories only in the united states. LabCorp performs largest volume of specialty testing in the headquarters Burlington.

**Environment**

Jdk1.8, JSP, Servlet, C++, EJB, Spring, spring boot, JavaScript, java 8, Hibernate, jQuery, Struts, Design Patterns, HTML5,AWS, CSS, JMS, XML,NoSQL Database, Linux, Docker,Restful services,WebSphere, Eclipse, RabbitMQ**,** GWT,Oracle ECM, Microsoft Azure, Microservices, SOAP, Oracle BPM, JSF, Cloud Foundry, WSDL, Apache CXF**,** Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, WebLogic, Junit, Angular 2.

**Responsibilities**

* Implemented Different **Design patterns** like **singleton, factory** and J2EE design patterns like Business delegate, session facade, Value object and DAO design patterns.
* Used **Spring Framework’s IOC Dependency** Injection to inject Service Object using **Service Locator Design Pattern** into **Action Classes**.
* Used **Struts tag libraries** in the **JSP pages.**
* Developed a controller **Servlet** that dispatches request to appropriate **Action Classes**.
* Developed the application under J2EE Architecture using **Spring, Struts, Hibernate, Servlets, Web logic** and **JSP.**
* Used Java Persistence API (JPA) and **Hibernate** for performing the **Database Transactions**.
* Used **join point** and **advice Spring AOP modules** for cross cutting concerns and **IOC** for **dependency injection**.
* Designed extensive additions to existing Java Web Application utilizing **Service Oriented Architecture (SOA)** techniques.
* Extensively worked on **Spring Bean wiring**, **Spring DAO** and **Spring AOP modules**.
* Designed Graphical User Interface (GUI) for various Webpages using **AJAX, HTML, CSS, JSF, jQuery**and **JavaScript**.
* Implemented **SOA** architecture with web services using **SOAP, WSDL, UDDI** and **XML.**
* Strong experience in object-oriented technologies with OOPS concepts like **C++.**
* Identified and resolved programming issues, **Servlets** and **EJB s performance** tuning opportunities.
* Write server-side code for Google **Cloud Platform** based applications, create robust high-volume production applications, and develop prototypes quickly.
* Build, design and implement scalable **cloud-based** web applications for PaaS, IaaS or SaaS.
* Provide thought leadership for **cloud developer** technology inside Google and collaborate with cross-functional engineering teams to streamline or improve adoption of Google Cloud Platform.
* Used **JMS** API for asynchronous communication by putting the messages in the Message queue.
* Consumed **Web Services (WSDL**, **SOAP, UDDI)** from third party for authorizing payments to/from customers.
* Involved in Developing Web Application with Full Software Development Life Cycle (SDLC) from Design to Deployment using **agile methodologies.**
* Created detail design documents which has the **UML Design diagrams,** table information, object model etc which are required for the developer.
* **MVC** architecture is implemented by **struts framework**.
* Page design and development are done using **Oracle BPM**.
* Involved in implementing **jQuery** for providing interactive user interfaces.
* Written **Test cases** using **JUnit** to validate the application flows in different scenarios in the standalone application.

**Java Developer Jan 2015 – June 2016**

**USBankGresham, Oregon**

USBank whose headquarters is located at Minneapolis, Minnesota. USBank ranks 7th in the list of largest banks in the united states. The company provides banking, investment, mortgage, trust, and payment services products to individuals, businesses, governmental entities, and other financial institutions. USBank had 3106 branches in the united states and it also owns Elavon a processor of credit card transactions.

**Environment**

Java1.6, JSP, Servlets, EJB, Struts, Spring, Html, C++,XML, AWS, CSS, Log4j, Ant, JavaScript, jQuery, RDBMS(Oracle 10g),Web services, RAD6.0, IBM WebSphere server6.1, IBM DB29.0, VSS.

**Responsibilities**

* Used the light weight container of the **Spring MVC** Frame work to provide architectural flexibility for inversion of controller (**IOC**).
* Involved in the complete **Software Development Life Cycle (SDLC)** phases such as Requirement Analysis, Design and Implementation of the project.
* Used **Spring Framework** for **dependency injection**.
* Implemented and deployed several **EJB** (Session and Entity).
* The front end of the project is designed on **MVC architecture** using **struts, Tiles frameworks.**
* Involved in Configuring **tiles-def.xml, web.xml** and **struts-config.xml** according to the strut framework.
* Used **LOG4J** for **error logging** at the **development box** and used **ANT** for **building** the **deployable EAR/WAR components.**
* Determine cost and pricing of **cloud** services including labor, data center, CSP services and other factors that impact operational costs.
* Providing **cloud-based** application design and integration support.
* Used **WebSphere Application Server** for deploying various components of application.
* **EJB’s were** running under the hood of **WebSphere** container/server.
* Implemented Back office loan services and web applications using **Session Façade, Service Locator, Data Access Objects, Business Delegate, MVC, Front Controller** and **Data Transfer Object design patterns.**
* Created **DB2 SQL Procedures**, Functions & Stored Procedures, Nested Tables, Cursors, **DB2 Packages**, Reports &**SQL Functions** for Reports.
* Developed the application using **RAD** model**.**
* Worked with **VSS Version control** to create virtual library of computer files.

**Java Developer Aug 2013 – Dec 2014**

**North West Bank San Francisco, CA**

North West Bank, a family owned bank in Iowa. Mostly serving in Iowa and Nebraska. Mainly deals with Personal, Business, Mortgages, Agriculture, Private banking, Wealth Management. It mainly provides best community banking services and products.

**Environment**

Java, J2EE, Hibernate, Spring Core, Dependency Injection, C++,Auto wiring, Restful, JSON, Servlets, Apache Tomcat, Multi-Threading, TCP/IP, Collections, Swing, Serialization, JSP, JavaScript, OOD, OOA, UML, TDD, Agile/Scrum, Linux.

**Responsibilities**

* Involved in defining Hibernate mapping, HQL queries and in generating Data Access Objects.
* Used Spring Core with Java beans to implement business logic. Spring Dependency injection was used for wiring with beans.
* Developed Restful Web Services as End point to share the data with the other products using JSON as messaging medium.
* Used J2EE Servlets running on Tomcat extensive multithreading and TCP/IP networking; Swing, Serialization, Collections API.
* Designed and developed the controller and view components using JSPand Servlets and validators using JavaScript.
* Expertise with object-oriented design (OOD), analysis (OOA), and modeling (OOM) based on Unified Modeling Language(UML) architecture using Rational Rose.
* Followed TDD, Scrum concepts of the Agile Methodology to produce high Quality Software.
* Strong experience in object-oriented technologies with OOPS concepts like C++.
* Application deployed in Linux servers using WebLogic on Red hat Linux5.0.

Java Developer June2010 – July’ 2013

**TecnicsIntegration TechnologiesHyderabad, India**

Tecnics Integration Technologies is the software company whose headquarters is located at Houston, Texas. This company mainly focuses on developing business applications and it had two more branches in Dubai and Hyderabad. The company Designs & develops the computer application software & specialized utility programs and it also develops the scripts & stored procedures to transform & load data into internal database.

**Environment**

Struts 1.1, Eclipse 3.2, Web Sphere 4.0, JSP, C++, JDBC, EJB 2.1, Ant 1.5 and SQL Server 2000.

**Responsibilities**

* Effective web interface designed with **JSPs**, **Actions, and Validations** using **Struts 1.1**.
* Participated in the designing and developing of UI Screens using **JSP 2.0, JavaScript and HTML/XHTML**.
* Worked on **Eclipse** IDE as Application Development Environment.
* Implemented the **Model View Control (MVC)** structure.
* Designing of database components using **SQL and PL/SQL**.
* Creation and maintenance of data using **SQL Server database**.
* Used JDBC for database connectivity. Implemented the **EJB interface** that interacts between the web tier and the DAO.
* Created **CSS, JavaScript** for UI and for client-side validations.
* Optimized the performance of the application using various techniques in **JSP, EJBs** such as caching static and dynamic data, flushing data partly, choosing right include mechanism, etc.
* Built the Application using **Ant Build**, creating the war file and deploying the same on **Web Sphere 5.0 Application server.**
* Analysis & study of the new enhancements and **guiding the team** on the requirements.