Ashwini C
©732-352-1613
ashwinicha8@gmail.com
Sr. Java/J2EE Developer

Summary:

- Around **8+ years** of experience in analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using Java/J2EE.
- Experienced in Java **Application Development, Object Oriented Concepts, Object Oriented Design** (OOD), **Object Oriented Analysis** (OOA), **Object Oriented Programming** (OOP) and its implementation.
- Expertise in design and development of various web and enterprise-level applications using **Java/J2EE** technologies like **Spring, Hibernate, XML, Struts framework, EJB, JSF, JSP, JSTL, JQuery, JavaScript, Ajax, JDBC, JMS, JavaBeans** and **Servlets**.
- Strong experience in implementing **Service oriented architecture** and **Web Services** using SOAP, RESTFUL API's.
- Worked on micro- service based architecture using spring boot for developing the micro services, Netflix components (eureka, ribbon), spring cloud for supporting the cloud native environment.
- Developed web applications by implementing **Model View Control (MVC)** architecture and considerable experience in various **front-end** technologies.
- Experienced in developing web applications with **Single Page Applications** (SPAs) Framework using **AngularJS** and also good knowledge of **NodeJS.**
- Created Typescript reusable components and services to consume REST API's using Component based architecture provided by **angular 2**.
- Experienced in frameworks: **Jakarta struts framework**, JSF, **Spring, SpringBoot, SpringBatch, Spring Security, Hibernate**.
- Experience working with Service Oriented Architecture, which includes Universal Description and Discovery Integration (**UDDI**) lookups and Web Services Description Language (**WSDL**) using **SOAP** protocol.
- Expertise in **XML** technologies such as **DTD/Schemas, DOM, SAX, JAX-B** and **XSLT**.
- Experience working with **Hibernate** for mapping Java classes with database and using **Hibernate Query Language (HQL)**.
- Experience in configuring and deploying the applications on **Tomcat, WebSphere, WebLogic** and **JBoss** Servers.
- Experience working with various **SDLC methodologies** like **Agile Scrum, Domain Driven Design** and **Waterfall Model**.
- Experienced in writing **complex SQL queries, Triggers** and **Stored Procedures** in various databases such as **Oracle, DB2** and **MySQL**.
- Experienced in Development, testing and deployment of enterprise applications on **Windows** &UNIX platforms using IDE's such as **Eclipse, Rational Application Developer (RAD), IntelliJ** and **NetBeans**.
- Experience in using different version controlling/tracking systems **GIT, CVS, Subversion.**
- Experienced in working with multiple databases like **Oracle 10/11g, SQL Server, MySQL, PL/SQL** and **DB2**.

- Experienced in performing unit testing using **JUnit**, **Mockito** integration and deployment of applications using tools such as **ANT**, **Jenkins** and **Maven**& debugging through **log4j**.
- Experience in document preparation including **Requirement Specification**, **Analysis,design documents**, **Test cases** and **User Training documents** and **Technical Help documents**.
- Experienced in working with **E-Commerce** software systems.
- Excellent verbal, written communication and presentation skills, problem solving and conflict resolution skills.

Technical Skills:

Languages/API	Java (Java SE 6/7/8), J2EE, C, C++, RDBMS, JDBC, UML, Design Patterns, HTML5, JavaScript, SQL and PL/SQL
Operating Systems	Windows, Unix and Linux operating systems.
Frameworks	Struts 1.x/2.0, Spring 3.x/4.0, Hibernate3.0/4.0, Spring MVC, Spring Framework etc.
Web/Integration Technologies	HTML5, CSS3, DHTML, Servlets, JSPs, JSTL, EJB, JNDI, JMS, XML, XSLT, XSD, JSF, JQuery, AngularJS, Ajax
Web/Application Servers	Apache Tomcat, IBM WebSphere, WebLogic and JBoss
IDE's	Eclipse, NetBeans, RAD, Rational Rose, POSTMAN
Database/Cache	Oracle, SQL Server, MySQL, DB2
Web services	SOAP, JAX-WS, WSDL, Restful, Jersey, Rest Template etc.
Version Control	GitHub, CVS, SVN
Others	ANT, Log4j, Soap-UI, Mockito, Maven, Junit, Spring tool suite etc.

Education: Bachelor of Electronics and communication Engineering, JNTUH, INDIA

Work Experience:
Onsite work experience: October 2015 to Present
Senior Java Developer
FPL/Infosys – Jupiter, Florida – February 2017 to present

Description:

This project which has been developed on PowerBI tool for monitoring the Dashboard applications. Developed Dashboards on PowerBI desktops, PowerBI.com and PowerBI mobile view.

Responsibilities:
- Worked as the Lead developer in the architecture team to design the application.
- Worked in **agile, Scrum** environment and **Jira** board to update the task on daily basis.
- Developed **Rest Services** using **Spring Boot**. To Rest Call the service which prints the **JSON** Response from the Database.
- Developed **Unix scripts**, Perl scripts and SQL control files to load data through SQL Loader & Oracle data pump.

- Experience on Database **Oracle 11.6, Microsoft SQL Server 2014**.
- Implementing the service layer converting XML to JSON through Restful using **JAXB**.
- Implementing the Proxy settings for Data binding the JSON, XML and pushing Datasets to **PowerBI.com**.
- Worked in test environment and deployed services on test servers.
- Create **Java Batch** jobs for running bulk Queries and datasets to run on PowerBI tool.

Environment: Spring 4.0, Spring Boot 1.5.9, Unix scripts, SQL, Oracle 11.6.0, Microsoft SQL Server 2014, maven, Java Batch, Java 8.0.

Senior Engineer
Target/TCS – Brooklyn Park, Minnesota – February 2016 to February 2017

Description:

Target Enterprise, Inc Senior Engineer will be responsible for writing, developing and unit testing software and building, testing and implementing infrastructure components to meet design specifications. Worked in a scrum team on backlog items including custom java development and upgrade activities traditional mainframe batch applications will be replaced by java batches and restful services.

Responsibilities:

- Experience in **Agile** Methodology, **SCRUM, KANBAN**.
- Create and maintain **APIs** utilizing swagger framework backed by **JPA** data access layer.
- Design and Implement **OAuth2** integration on **RESTful APIs**.
- Implementing complex large-scale, real-time Web and Enterprise applications by utilizing Java/J2EE based technologies including **Spring MVC, JSP, Ibatis** and **Web services**.
- Carrying-out the root-cause analysis of Java related incidents, events and problems.
- Experience in application server **(Websphere, Tomcat)**.
- Hands on experience in working on **Spark-SQL** queries, Data frames, import data from Data sources, perform transformations, perform read/write operations, save the results to output directory into **HDFS**.
- Manage **OpenStack** for growing development teams. Build, configure and maintain all instances.
- Wrote **Spring Security** based authentication and authorization layer.
- Extensive experience in developing RESTful Web Services using Apache CXF and Jersey using **spring boot**.
- Has knowledge on **spring cloud** using spring boot for integration, routing and distributed messaging.
- Implemented Message Forwarder Java Middleware to fetched messages from variety of input
- module and forwarded data to **Kafka** cluster.
- Experience with **SQL (Oracle, DB2, DBA)** and **NoSQL (Postgres)** databases.
- Using test driven development (JUNIT) and building CICD pipeline using Maven, Jenkins(JAYS), Drone Chef and Git.
- Developed UI components using **HTML5, CSS3, Bootstrap** and **JavaScript** for front-end development.
- Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML.
- Create **Spring Batch** jobs for running Bulk Query and used PK chunk method for retrieving data from the portal.
- Building micro services - Rest web services to support enterprise architecture.

- Developed Controller classes, DOA classes, beans, JSP's and Data Objects in Java.
- The build process involves Spinning Up an OpenStack/**VMaaS** VMs with CentOS on two different Data Centers with complete Load Balancer setup.
- Merged an existing Angular 2 application into an Angular 3 applications as part of an effort to retire use of AngularJS
- Implemented an MVC based web application in **Scala** language using Web Sockets.
- Used **Java 8** lambda expression to represent one method interface and used sequential and parallel streams in collections source.

Environment: Spring 4.0, Spring boot 1.5.6, Java 8.0, netbeans, Spring Batch 4.0, maven 3.0, Drone, Chef, Jenkins, Docker, Spring Security, VmaaS, DBA, OpenStack, Kafka, Oauth2, Scala, HTML5, JSP, Spark, Swagger, HDFS, AngularJS 3.

Full Stack Developer
Verizon- Atlanta, GA – August 2015 to February 2016

Description:

This project, which has been developed to significantly reduce the development effort of the various developer teams within the organization. RDLU: Remote Door Lock Unlock allows the users to lock or unlock their vehicle using an application on their mobile device.

Responsibilities:

- Worked as a **developer** in the **architecture** team to design the application and define standards for other development teams within the organization.
- Designed and coded application components in an **agile** environment utilizing a **test driven** development approach.
- Extensively used Spring components and concepts like **Aspect Oriented programming, Transaction Management, Dependency Injection, DAO** and **MVC.**
- Designed and developed functionality with excellent understanding of **design patterns** like singleton, factory and MVC.
- Implemented service layer offering JSON or XML data through **RESTful** services using CXF.
- Implemented **REST client** using JERSY to consume data from Legacy application.
- Used **Hibernate** to do object relational mapping in the application. Involved in creating hibernate mapping files for class associations, inheritances and generating sequences.
- Used **HQL** Criteria, Restrictions to retrieve and manipulate data from backend.
- Developed presentation layer using **JSP, JSTL, HTML5, CSS, and jQuery**.
- Knowledge on **micro- service** based architecture using spring boot for developing the microservices, Netflix
  components(eureka, ribbon), spring cloud for supporting the cloud native environment.
- Developed SPA using **ReactJS** to utilize the HTML5 DOM features and update elements that are modified in the webpage.

- Develop cross browser compatible web pages quickly and effectively using jQuery, HTML5, CSS3, Responsive Web Design, Bootstrap and Angular JS 3.
- Experience in Design and development of test automation frameworks for Web applications (responsive, Cross browser) using various Open Source/ Commercial testing tools like **Selenium** Web Driver/IDE,Testing, JUnit.
- Used XML technologies like XPath, XSTL for preparing reports.
- Integrated Hibernate with Spring and configured corresponding xml configuration files.
- Implemented Java beans with **JAXB** Annotations for marshalling and un-marshalling of Java Objects.
- Used SQL Developer tool and written **PLSQL** functions, procedures, triggers. Involved in tuning performance by creating Indexes.
- Came up with Test Suites and Test Cases for unit testing and implemented unit testing using **JUnit.**
- Involved in Peer Level design and code reviews.
- Experience writing unit tests and performing and end to end testing.
- Has experience in CI and CD – Understands Jenkins**, GitHub**, etc.
- Used **Git** for source code management and source tree for managing the code push, pulls and resolving conflicts.
- Experience Developing application using **Groovy,** Grails, GSP, GORM, Grails Plugins and Grails Rest Services.
- Setting up Java/J2EE development environment using **Eclipse, Maven** and **WebLogic**.
- Helped developed Restful API in **JAX-RS** such as servlet to handle database operation.
- Built the AngularJS 2 dashboard and supported Java backend.

Environment: Core JavaJDK 8, Restful Services, Spring 4.2.6, Webservice, HTML5, CSS3, Java Script, Groovy, AngularJS 2, ReactJS, Maven, Eclipse, JAX-B, JAX-RS/Jersey, JAX-WS, XML and JSON.

Java/J2EE Developer
Disney- FL – September 2013 to July 2015

Description: DIPR (Disney ID for Parks and Resorts): The main purpose of the application is to capture user activity on Disney and its affiliate sites in real time and apply the changes in the database. This application solves the problem of an existing Interface with rules driven, event based (with queuing) interface, to capture all new affiliate registrations, and all updates to known guests providing a recovery mechanism.
These projects were developed using Java EE 7, IBM WebSphere Application Server v8.5, drools 6.3, Tomcat 7.0, Spring 3.2, SOAP Web Service, Spring Security, RESTful, Servlet 3.0, JDBC, XML, JSON, Eclipse, JAX-RS, Oracle RDBMS.

 Responsibilities:

- Responsible for coordinating the design and implementation activities, collaborated with **project managers** and **engineering teams**.
- Designed and coded application components in an **agile** environment utilizing a **test driven** development approach.
- Worked on providing Authentication to **Restful Web services** using **Authz** and **OAuth**.

- Developed the application using **Java multi threading** to enable **scheduling** and **management** of the offs tasks to keep up with the huge amount of user records received from **CNS**.
- Developed **Controllers** for **Restful services** using **spring-web mvc**.
- Developed **web services** callers using **Jersey** framework.
- Worked on **MVC** (Model View Controller) architecture using **Springs/Strutsframework** and various **Java / J2EEdesignpatterns**.
- Experience with third-party APIsExperience with CSS pre-processors.
- Servers installation and Maintenance of windows 2008 and RedHat 6.x & 7 **Linux Server**.
- Designed and Developed Web Services using **Restful** and **SOAP** protocols using **Elasticsearch**.
- Used **Soap-UI** and **Rest Client** for functional testing of the web services.
- Used the **DOM** parser to parse **xml's** and extensively used **javacollections** framework.
- Consuming and exposing various Web services using **JAX-RS** and JSON to different systems for business services.
- Involved in creating Database **SQL** and **PL/SQL** queries and **StoredProcedures**.
- Implemented **Singleton pattern** for property loading, loading xml's, jaxb context creation and static data from DB.
- Worked on **performance tuning** of the application to greatly improve the efficiency and execution time.
- Used **Hibernate** for mapping java classes to the database.
- Developed web services components using **XML**, **SOAP** and **Axis2**.
- Developed Database interaction objects by implementing the **DAO** pattern.
- Deployed applications on **WebSphere** application server and tomcat web server.
- Used **Log4j** API for logging in the application.
- Developed web applications on **Tomcat** server.
- Used **GIT** for version control across common source code used by developers.
- Developed the application using **Eclipse**.
- Periodic on-call/after-hours **production support** for scheduled maintenance routines, quarterly system updates and patches, and other items that affect operations.
- Supported transition in platform to **AngularJS,** used Protractor for testing.

Environment: Java EE 7, IBM WebSphere Application Server v8.5, Tomcat 7.0, Spring 3.2, Spring Security, Spring 4.2.6, SOAP Web Services, RESTful web services, Servlet 3.0, JDBC, Hibernate, Spring boot 1.2.6, JUNIT 3.8, Eclipse, Log 4j, Axis 2, OAuth 1.4, JAVAX 2.1, D3, JAX-B, JAX-RS/Jersey, JAX-WS, XML, AngularJS, Oracle RDBMS and JSON.

Java/J2EE Developer
Austin County State Bank - Austin, TX – September 2010 to August 2013
Description: **Austin County State Bank** is a leading property and casualty insurance company based in Texas. Austin County's safety team works with clients to help protect their employees and their dividend program provides rewards for keeping clients workplace safe. The application developed provides the clients with insurance quotes and forms online. It allows the client to buy insurance online, check policy information, direct bill statues and report claims. This Project was developed using **Spring**, **Hibernate**, Struts 2.x, **Maven**, HTML5, CSS3, JavaScript, JMS, RAD, Oracle Database, Ajax, EJB, JQuery, E-trade,E-Commerce, Websphere Application Server, SOAP and **Web Services**.

Responsibilities:

- Developed **Use case diagrams**, **Object diagrams**, **Class diagrams**, and **Sequence diagrams** using **UML**.
- The application architecture of the System is based on **Spring MVC** (Model View Controller) and **J2EE** specifications.
- Implemented the application using **design patterns** such as **Session Façade**, **Business Delegate**, **Bean Factory**, **Singleton**, **Data Access Object**, and **Service Locator**.
- Implemented **Hibernate Template** to great extent making use of **HQL**, **Named Parameters**, **Named Queries** and **interfaces** such as **Expression**, **Query** and **Criteria**.
- Worked on developing **POJO classes** to map database tables with java objects.
- Involved in creating **test cases** using **JUnit** strictly following Test Driven Development.
- Worked on **SOA Web Services** using **SOAP** for transmission of large blocks of **XML** data.
- Used Maven and Jenkins to automate the build and deploy process.
- Involved in full project management life cycle from development to integration, testing and release to lower environments.
- Have managed QA and UAT phases for various large IT implementations in Capital Market.
- Responsible for all backup, recovery, and upgrading of all the PostgreSQL databases.
- Responsible for configuring, integrating, and maintaining all Development, QA, Staging and Production PostgreSQL databases within the organization.
- Experience with performance tuning of code – ex – better file reads, algorithms, handling connections, transactions, Thread –safe and its pro-cons, performance tools, etc.
- Ability to design frameworks which are extensible and flexible.
- Used log4j for logging errors in the application.
- Involved in testing the JMS integration between queues and topics.
- Used JUnit for unit testing of the application and log4j for logging.
- jQuery template for markup. Implemented two way data binding through scope in applications built on AngularJS.

Environment: Java 7.0, Struts 2.X, Spring, Hibernate, JavaScript, AJAX, EJB, JQuery, HTML5, CSS3, E-Commerce, JMS, JAXP (SAX & DOM), WebSphere Application Server, RAD, AngularJS, Oracle Database, SOAP, Maven, log4j, Junit, XML, Web Services.

Senior J2EE Developer
GE Healthcare– Hyderabad, INDIA - September 2008 to August 2010
Description: **GE Healthcare** provides transformation medical technologies and services helping to deliver patient care to people around the world. GE provides an online website for the customers. This web website is an e-commerce application which provides an online interface to manage user accounts for the customers to facilitate customers to view, purchase products and request services. This project was developed using **Struts 2.0**, **Hibernate 3.0**, HTML5, JSP, JSTL, JMS, JavaScript, XSL, XSLT, Servlets 2.5, RAD, **WebSphere Application Server** and **Oracle 10g**.

Responsibilities:
- Designed Use Case and Sequence Diagrams according to UML standard using **Rational Rose**.
- Implemented **Model View Controller** (MVC-2) architecture and developed Form classes, Action Classes

for the entire application using **Struts** Framework.
- Performed client side validations using **JavaScript** and server side validations using in built **Struts Validation Framework**.
- Designed and developed **HTML5, JavaScript, Ajax, XML, MYSQL,** apps working in a **LINUX** Web Server and Apache environment.
- Implemented the data persistence functionality of the application by using **Hibernate** to persist java objects to the relational database.
- Used **Hibernate Annotations** to reduce time at the configuration level and accessed **Annotated bean** from **Hibernate DAO layer**. Used **HQL statements** and procedures to fetch the data from the database.
- Transformed, Navigated and Formatted **XML** documents using **XSL, XSLT**.
- Used **JMS** for asynchronous exchange of message by applications on different platforms.
- Developed the view components using **JSP**, **HTML5**, **StrutsLogictags** and **Strutstaglibraries**.
- Involved in designing and implementation of **Session Facade**, **Business Delegate**, **Service Locator** patterns to delegate request to appropriate resources.
- Used **JUnit** Testing Framework for performing Unit testing.
- Deployed application in **WebSphere Application Server** and developed using Rational Application Developer **RAD**.
- Objectives of securing confidentiality, integrity, and availability of assets, **TCP/IP,** Host and Network based intrusion detection and prevention systems such as HIPS and NIPS, risk management, incident

response, common threats to web application vulnerabilities, penetration testing, designing networking infrastructure and configuring cisco routers and switches.

Environment: Struts 2.0, Hibernate 3.0, JSP, RAD, JMS, JavaScript, PHP, XSL, XSLT, Servlets 2.5, WebSphere Application Server and Oracle.