

Ashok A

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Professional Summary:

- Over **8 years** of programming experience including design, development, implementation and maintenance of **Java/J2EE/Web** based applications.
- Excellent project life cycle experience (SDLC) in all aspects of requirements specifications, design, code, test, deploy, maintaining and implemented projects in **Waterfall** and **Agile/Scrum** methodologies.
- Extensive experience in Internet, client/server technologies using **Java, J2EE, JSP, Servlets, JDBC, JNDI, Struts, Spring, Hibernate, TIBCO, Web Services, SOA, EJB, JMS, XML, XSLT, JAXB, HTML, CSS, Java script, Ajax and Shell Scripting**.
- Expertise in analyzing and troubleshooting production related issues.
- Experience and knowledge in various development methodologies like **Agile, Scrum, Test Driven Development (TDD), Extreme Programming (XP), Rapid Application Development (RAD), and UML**.
- Developed reusable components with Angular 2 **custom directives**.
- Experience in **hibernate O/R** mapping tool.
- Involved in unit test cases writing and having a good knowledge in **Junit, TestNG, Mockito**.
- Experience with versioning tools like **Git Stash, ClearCase, Subversion and CVS**.
- Experience in database connectivity (JDBC) for databases like Oracle 11g/10g/9i.
- Driven by new challenges and adept at adapting to any cultural and business environments.
- Experience in using Core Java concepts like **Collection, Interfaces, Synchronization, OOPs concepts and Exception Handling**.
- Proficient in **Agile (SCRUM), Waterfall** methodologies and Test-Driven Development (TDD).
- Experience in deployment and troubleshooting various application servers like **JBoss, Apache Tomcat, IBM WebSphere and Oracle WebLogic**.
- Strong analytical and dynamic trouble shooting skills coupled with excellent communication skills and able to work individually and as a team
- Highly motivated self-starter with excellent Communications, Presentation and Problem-solving skills and committed to learn new technologies.
- Have the motivation to take independent responsibility as well as ability to contribute and be a productive team member.
- Expertise in developing, documenting, and executing test cases manually as well as generating automated scripts using Selenium.
- Expertise in using issue tracking tools such as **JIRA and Rally**.
- Expertise in analyzing and troubleshooting production related issues. Experience in Full Life Cycle development of software applications for Web-based environments.

Technical Skills

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| Languages | Java, Knowledge on C |
| Java / J2EE Technologies | JSTL, JMS, JTA, JAX-WS, JAX-RS, SOAP, REST |
| Frameworks | Spring, Hibernate, Struts, Angular JS, Angular 2, ReactJS, Spring MVC, Spring Boot, Spring JDBC |
| Web Application Servers | Websphere8.5, Web Logic 9.1, Apache tomcat 8.0/7.0/6.0, JBOSS, Sun Glass fish |
| IDE Tools / Development Editors | Netbeans7, Eclipse, IntelliJ IDEA, IBM RAD |
| Tools and Technologies | Junit, Log4j, ANT, Maven, Jenkins, Hudson, MOM Queue, Elastic Search, Kibana, Active MQ, Rabbit MQ, UML, Putty. |
| Operating Systems | Windows, Linux, MAC OS X, Unix. |
| Office Tools | Microsoft office Suite 2010 and MS Visio |
| User Interface (UI) | HTML5, CSS3, JavaScript, jQuery, Angular JS, Angular 2, Bootstrap, AJAX |
| Software Engineering | Test Driven Development, Scrum and Agile, UML, Design Patterns, Object Oriented Methodologies, Service Oriented Architecture |

Education

Bachelors in Computer Science from CBIT, Hyderabad, INDIA. (2009)

Professional Experience

Client: State Street Corporation.

July 2015 - Till date

Location: Boston, MA.

Role: Java Full Stack Developer.

Description: Funding Service is an application solution to provide business services to clients. Funding Service provides functionality that automates business process within an enterprise class business. The Funding service process covers the physical and related electronic data from the point contracts are received by Dealer track Digital Services (DDS) until the physical documents are processed by Iron Mountain and Dealer Track Collateral Management Services (CMS).

Responsibilities

- **Developed application on Spring 4.x framework** by utilizing its features like Spring Dependency injection, Spring Beans, Spring JDBC, Spring Web flow using Spring MVC.
- **Worked on Spring MVC application** with XML configurations and annotations. Used Dispatcher servlet to route incoming requests, controllers to handle requests and Model to send values to user interface.
- Actively involved in coding using **Java 1.8, Spring 4.x and Angular 2** to develop features from end to end.

- Used Agile principles to implement the projects using two-week sprints, planning meeting, daily standups, grooming, estimation and retrospectives.
- Developed a portal application from scratch to interact with third party application token exchange model for authentication, get the data needed and **Spring MVC** to handle incoming requests and **RESTful web services** (Implementing JAX-RS API) with Jackson parser to send data on Web Service Calls in **JSON** format.
- Worked to secure our RESTful web services using **oAuth 2.0** with spring security to authenticate any third-party requests coming in.
- Worked with Single page application framework **Angular 2** extensively using routing, services, views and directives.
- Participated in **front end development** using Angular 2, JavaScript, JQuery, HTML5, CSS 3.0 and bootstrap.
- Used **GIT** as source control tool.
- Involved in Developing, Testing and Deploying application in **IBM WebSphere 8.5.5 server**
- Worked on **Node JS** Application with Express Framework. Familiar with **Node Package Manager (NPM)**, **EJS Templating Engine**, Bower and Gulp.
- Responsible for creating Class diagrams, Sequence diagrams, Use Case diagrams, Object Model diagrams, and deployment diagrams using Microsoft Visio.
- Participated in Scrum meetings and project planning and coordinated the status sessions.
- Developed the presentation layer by using Servlet, HTML 5, CSS 3, JavaScript, JSP's, JSON and XML.
- Developed Data Access Layer using **Hibernate ORM framework**.
- Used **Hibernate** named queries concept to retrieve data from the database and integrate with **Spring MVC** to interact with back end persistence system (**Oracle11**).
- Extensively involved in creating complex **SQL** queries and calling **Stored Procedures**.
- Utilized core **J2EE** design patterns such as **DTO (Data Transfer Object)** in the implementation of the services.
- Maintain high-quality of **RESTful** services and implemented **REST** web Services using **Spring MVC** and **JAX-RS**.
- Involved in development of SOAP based web services using **WSDL**, **SOAP**, **JAXB**, **AXIS** and **JAX-WS**.
- Used **Maven** to build and deploy application onto **JBOSS Application Server** to deploy code onto server.
- Used **JIRA** tracking tool to manage and track the issues reported by QA and prioritize and take action based on the severity.
- Used **GIT Stash** for maintaining the component and for release and version management.
- Extensively worked on developing UI components using **Angular 2** and **JSON** to interact Restful web services.

Environment: Java 1.7/1.8, Hibernate, Spring MVC, JDBC, JSP, Html5, CSS3, JQuery, JBOSS, Maven, Web Services, SOAP, Junit, Web Logic, Eclipse, Oracle 10g/11g, Angular 2, Microsoft VISIO, GIT STASH, JIRA, Spring, Hibernate 4.3, JDBC, JSP, CSS, HTML5, JavaScript 1.6, Apache Tomcat, Web

services, SOAP, WSDL, SOAP UI, Maven, Junit, Web Logic, Windows 8.1, SVN, Eclipse, Oracle 10g/11g, Microsoft VISIO, XML, JIRA.

Client: Volkswagen Group of America.

Dec 2013 - Jun 2015

Location: Auburn Hills, MI.

Role: Sr. Java Spring Angular Developer.

Description: UDE Portal is a web based application for all the dealers to, exchange the communication. The existing Unified Dealer Extranet (UDE) is the primary medium of communication and interaction between Audi of America, Audi of Canada, VW of America and VW of Canada and their respective dealerships. It is utilized to share important information with dealerships including but not limited to news, messages, alerts, documents, dates/events, links to systems, and other critical data.

Responsibilities

- **Worked on complete Agile Development** with two-week sprints, story grooming, estimations, retrospectives and spring planning.
- **Every Day Tasks include** Test Driven Development (TDD), Junit, Mockito, Gradle, JIRA issue navigator, GIT, Stash.
- Proven expertise in implementing IOC (Dependency Injection) and AOP features in various aspects of Spring Framework (Core, Web, JDBC, MVC and DAO) and also experienced in integrating Spring Web Flow with other frameworks like JSF
- Implemented the Spring Web Flow2 framework for managing navigation and page flow and used design patterns like Session Façade, Delegator, MVC and DTO for the back-end tier development.
- Actively involved in coding using **Java 1.8, Spring 4.x and Angular JS** to develop features from end to end.
- **Extensively used Spring MVC** for forms, error handling, writing REST controllers and integrating with Spring Security and Spring ORM for persistence.
- **Used different Spring projects** such as **Spring Mobile** - mobile redirections, desktop preference settings; **Spring Security** – Authentication and Authorization of users; **Spring JDBC** – easy database operations using JDBC template, writing row mappers; **Spring Boot** – easy bootstrap applications from scratch
- Modified **SQL, PL/SQL** procedures and triggers to obtain optimized output.
- Developed **Data persistence API** using **Hibernate 5.x** and **Spring DAO** layer.
- Followed coding standards & ran Test suite to make sure 100% code coverage by using **EMMA**.
- Designed network diagram, and set up the Development Environment, **IST** and **UAT** environment by installing and configuring **Web Sphere Application Server** on **UNIX** environment.
- **Designed and Developed REST based API** from scratch using Spring MVC, used various HTTP methods, did error handling and supports both XML and JSON formats. Implemented REST security as well.
- **Created/Consumed SOAP based web services.** Created XSD's and SOAP WSDL's using contract first approach.

- Used **Hibernate** with **JPA** for attaining **Object Relational Mapping**.
- Experience in deployment and troubleshooting various application servers like **JBoss**, **Apache Tomcat**, **IBM WebSphere** and **Oracle WebLogic**.
- Involved in separation of components and deploying in different servers, balancing the load among each Server.
- Generated Web service client code and end points using **Axis** and developed the Restful web services using **JERSEY API**.
- Used **Spring IOC** to inject **DAO** objects into the **Business Delegate** classes.
- Implemented design patterns - **Factory**, **Singleton**, **Abstract Factory**, **Service Locator**, **DAO**, and **Business Delegate**.

Front-End Development

- Designed **CSS** based page layouts that are cross-browser compatible and standards-compliant.
- Develop the front-end by doing hands-on coding using **HTML 5.0**, **CSS3**, **JavaScript**, **jQuery**, **Angular JS**.
- Developed responsive UI templates using bootstrap, Google Material Design and also using custom **HTML5 and CSS**. And also Used **NPM**, **Angular JS** to work with various front-end libraries, frameworks and integrations

Environment: J2EE, WebLogic 10.0, Spring MVC, Spring JDBC, Spring MVC, Spring Mobile, Spring Security, Spring Boot, Maven, Spring IOC, Java 1.8, Spring 4.x, Angular JS, Hibernate 5.x, JavaScript, Html5, CSS, Log4J, PL/SQL and Oracle 11g.

Client: Black Knight Financials.

Feb 2011 - Nov 2013

Location: Detroit, MI

Role: Java/J2EE developer

Description: The main description of the project is to design, develop, maintain and support client's commercial software, service and back-office applications. Also, responsible for client's web application and message service components and also for the complete features.

Responsibilities

- Experience in developing complex consumer facing software using Java and JVM ecosystem.
- Experience with Spring frameworks (Boot, Integration, Batch, Security, Core).
- Experience with implementing/consuming **REST and SOAP** based APIs
- Responsible for participating in all phases of the development and maintenance life cycle, typically for assigned business unit, and corporate department.
- Experience in developing Web Services and knowledge of **Service Oriented Architecture(SOA)**.

- Experience in developing relationships with the business to better understand business requirements.
- Experience in coding and maintaining complex components of information systems.
- Involved in the Requirement study, design and development.
- Used **JSP** as the view technologies for developing front-end controllers.
- Used **MVC** Architecture using Struts.
- Involved in designing and developing forms on the client side using **HTML, JavaScript** and **AJAX**.
- Involved in designing tables in **Oracle**.
- Responsible in developing JSP's and Servlets.
- Used **Flow Debugger** for observing the behavior of message flows
- Used **ANT** to build the deployment JAR and WAR files.
- **WebLogic** server was used to host the Application.
- Entire application was build and deployed using Apache **Ant** tool.
- Created **Java annotations** to add metadata information to the source code.
- Created **Unit test cases** and performed Functional and Integration testing
- Extensively involved in release/deployment related critical activities.

Environment: Java 1.7, J2EE, JSP, Servlets, Struts, WebLogic, CVS, Bugzilla, JDBC, ANT, HTML, CSS, JavaScript, Oracle, Bugzilla, Log 4j

Client: Accenture India Pvt Ltd.

June 2010 - Dec 2010

Location: Hyderabad, India

Role: Java Front-End developer

Description: Accenture is a global technology consulting and digital solutions company helping more than 250 clients succeed in a converging world. With operations in 27 countries, we go the extra mile for our clients and accelerate their digital transformation. The project involved creating the entire website with open source initiative. The website uses Angular JS, JavaScript, JQuery and AJAX features extensively. The Website has rich HTML5, CSS3.

Responsibilities

- Involved in **Agile/SCRUM** based approach to UI Development.
- Designed and developed **GUI** components using JSP, **HTML** and **JavaScript**.
- Maintained website using **Bootstrap, HTML5, CSS, jQuery**
- Developed all the UI pages using HTML, XUL, DHTML, XSL/XSLT, XHTML, DOM, CSS, JSON, JavaScript, jQuery.
- Created XHTML Pages with CSS and the Box Model.
- Deployed application on WebLogic Application Server and development using Eclipse.
- Developed callback functions to parse and handle JSON data returned from the server.
- Implemented jQuery frontend for Insurance policy display for employees using jQuery.
- Facilitated User Testing sessions to solicit feedback on prototypes.

- Implemented **JavaScript module patterns** using **asynchronous script** loading.
- Worked through cross browser compatibility issues with layout and styles for all new CSS that was implemented.
- Used Agile Software Development for developing the application with clear, efficient workflow.
- Integrated the application with Spring framework for implementing Dependency injection and provide abstraction between presentation layer and persistence layer.
- Developed **Spring** Action classes using **Spring** controller component.
- Developed and prepared test cases for unit testing with Junit.
- Made enhancements to existing **CSS and DIV tags** using **box model**.
- Involved in **Agile/SCRUM** based approach to UI Development.

Environment: J2EE, Spring 3, Struts 2.0, JSP, JavaScript, AJAX, jQuery, JSON, CSS, HTML, WebLogic 10.3, Eclipse, Oracle 10g, Log4J, SVN.

Client: CA Technologies.

June 2009-May 2010

Location: Hyderabad, India

Role: Jr. Java Developer

Responsibilities

- Involved in Project Design Documentation, Design Reviews and Code Reviews.
- Understanding the functional specifications and architecture.
- Implemented **MVC-Model 2** architecture using **Struts 1.1** and other **J2EE** design patterns for the application development.
- Developed static and dynamic Web Pages using **JSP, HTML, JavaScript** and **CSS**.
- Developing and coding J2EE Components with **JSP, Java Beans**, and **Business Objects** with **Hibernate**.
- Configured connection pooling using **WebSphere Application Server**.
- Developed and Deployed the Application on WebSphere using ANT **build.xml** script.
- Developed SQL Server stored procedures to execute the backend processes using.
- Implemented **Remote** and **Home** interfaces for the Bean.
- Developed **Bean's** implementation Class.
- Designed tables to access DB in Oracle and involved in writing PL/SQL, stored procedures, and triggers.
- Configured the Web Logic Console by creating Connection Pool.
- Extensively used Eclipse to develop the Application.
- Integrated other sub-systems through, **XML** and **XSL**.
- **BEA WebLogic** was used as both the Application server in the development and production environment.
- Used **SVN** for version controlling.

Environment: Windows NT/XP, Java 1.4, J2EE JSP, HTML, Hibernate, JavaScript, CSS, UML, Struts1.1, SVN, BEA Web-logic Application server, Servlets, JSP, EJB - session beans, entity beans, JMS, XML, XSL, XSD, Oracle - SQL & PLSQL.