**Salah Awami**

**Sr. Java Developer**

**Summary:**

* 7+ years of experience in designing, developing and implementing **Multi-tier**, **Client/Server**, **and Enterprise** and **Web applications** using Java/J2EE.
* Strong experience in software engineering and development including **software analysis**, **design**, **development**, **deployment**, **testing**, and **support**.
* Extensive experience in working with **MVC Architecture**, **Struts**, **Hibernate** and **Spring** Framework and integration frameworks like **Apache camel**.
* Experience working with **Agile Methodology** and **TDD development**.
* Experience in designing and developing applications with an eye towards simplicity, reliability, manageability, scalability, extensibility, performance and re-use.
* Experience working with **Core Java** and **Java Multi-Threading application**.
* Specialized in Web Application Development using **Servlet**, **JSP**, **JSTL/EL**, **Struts**, **spring**, **JavaScript**, **PHP**, **JNDI**, **SVN**, **Web Services** (**SOAP & REST**), **HTML**, **DHTML**, **CSS**, **XML**, **XSLT**, and **JDBC**.
* Developed Applications using **J2EE Design patterns** such as **Model View Controller** (**MVC**), **Singleton**, **Session Façade**, **Business Delegate** and **Service Locator**.
* Experience working on Production support for Java J2EE applications.
* Experience in working with Web Servers like **Apache Tomcat** and Application Servers like **IBM Web Sphere** and **JBOSS**.
* Extensive hands-on experience in object-oriented analysis, design, modeling and programming tools in conjunction with **Unified Modeling Language** (**UML**) using **IBM Rational Rose.**
* Proficient in persistence framework like **Hibernate**, **ORM**, **JPA.**
* Performed unit testing using **JUnit**, integration and deployment of applications done using tools **Ant** and **Maven** & debugging through l**og4j.**
* Experience in **SQL**, **PL/SQL** programming, **stored procedures**, **triggers** with Oracle, MySQL and DB2 databases.
* Excellent skills in creating and accessing various databases using SQL Queries, PL/SQL on various databases like Oracle, MySQL.
* Highly result oriented and pro-active, proven abilities to learn new technologies quickly and implementing them successfully in production.

**Technical Skills:**

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| Operating Systems | Windows 2000, Windows XP, Windows Vista, UNIX, Linux, Mac OS 10.6 |
| Programming languages | Java5, AWT, Spring, C, C++, SQL, PL/SQL, C#, VB and COBOL, HTML, CSS |
| J2EE APIs | Servlets, JSP, EJB2.0/3.0, JPA, JNDI, JMS, EXT JS, JDBC, XML, CORBA, RMI, SOA, Web Services, SOAP, WSDL, UDDI, ANT MAVEN, XML, XML Schema |
| J2EE Servers | JBOSS, IBM Web sphere, Oracle BEA WebLogic |
| Scripting Languages | JavaScript, DOJO, JSON, AJAX, HTML, CSS, XML, XHTML, DHTML, ANT |
| Java IDE | RAD, Eclipse, WebLogic Workshop |
| Databases | Oracle 11i/10g/9i, MySQL, SQL Server 2000/2005 |
| Web Servers | Apache Tomcat Server 5.x/6.0/7.0 |
| Application Servers | Weblogic Server 8.1/9.1/10.0, JBoss AS 4.2, IBM WebSphere 6.1/7.0 |
| Framework | MVC/MVC2, Struts, JSF, Spring MVC. Log4J |
| ORM Tools | Hibernate 3.0, DAO |
| Version Control System | CVS, Rational clear case, SVN |
| Others | Design patterns, Agile, Scrum, Maven, WSDL |

**Professional Experience:**

**Intercontinental Hotels Group-IHG, Atlanta, GA Jan 2014 – Till Date**

**Sr. Java Developer**

IHG is an international hotel company whose goal is to create Great Hotels Guests Love. It has been observed that the current application is facing performance, maintainability and scalability issues. Hence need has been felt to migrate from its current GWT driven presentation layer to a pure Spring MVC based application using standard Java/J2EE technologies like JSP, Customer Tag library, JQuery as needed and other spring features.

**Responsibilities:**

* Involved in document analysis and technical feasibility discussions for implementing new functionalities.
* Applied design patterns including **MVC Pattern**, **Façade Pattern**, **Abstract Factory Pattern**, **DAO Pattern** and **Singleton**.
* Involved in **migrating the application** from **Spring 2.5 to Spring 3.0**, along with conversion to Standard **Spring MVC pattern** from existing **GWT RPC Pattern**.
* Involved in developing front end screens using **JSP**, **JSTL**, **JQuery**, **DHTML**, **HTML5**, **CSS**, **AJAX** and **JavaScript**. Also, involved in adding the Internationalization to the existing application.
* Implemented rich web applications using **AJAX**, **DOJO**, **JQuery**and **JSON**.
* Developed forms using **HTML** and performing client side validations using **JavaScript**.
* Excellently handled the **cross browser scripts** using JavaScript
* Built JavaScript functions to generate dynamic **HTML components** including dynamic table list, calendar, spreadsheet, and drop down menu.
* Developed web application using **JSF Framework**.
* Used **JSP**, **JavaScript**, **JQuery** and **Ajax**to create the presentation layer.
* Involved in server side and front-end validation using **JQuery** and **JavaScript validation**.
* Used **Hibernate** in Persistence Layer. Developed various Database interaction objects by implementing the **DAO patterns** and used **Hibernate as Model Component**.
* Involved in designing the database schemas for the new data layer on **Oracle** using PL/SQL.
* Involved in writing data extract feeds using **Java**, **JDBC**, and **XML Digester**.
* Extensively involved in developing and writing **Maven build scripts** for automated build and deployment processes.
* Used **Eclipse 3.0** as the Java IDE in the development of the application and deployed to local **Resin Pro App Server**.
* Very Strong knowledge in using J2EE based App Servers like **JBoss 5.0**, **WebSphere 6.1**, WebLogic 8.1, and Web servers like **Apache Tomcat 5.**
* Design **JSON** requests according to the front end pages;
* Used **SVN** as source control repository.
* Experienced in using version control tools like **SVN**, **Maven**, and **eclipse**.
* Involved in **Unit Testing** and *Bug-Fixing* and achieved the maximum code coverage using **JUNIT test cases**.
* Implemented **log4j** by enabling logging at runtime without modifying the application binary.

**Environment:**

Java jdk, J2EE, JSP, WebLogic Application Server, IBM RAD, ANT, Oracle Database, JavaScript, CSS, JSON, DOJO, SOAP, WSDL, JMS, MDB, Web Services, XML, Apache Tomcat, JQuery, MAVEN, Log4J, XML Schema, XSD, JAXB, JUnit, SVN, JSP, Hibernate

**AT&T, Atlanta, GA Nov 2012 to Jan 2014**

**Java/J2EE Developer**

Digital locker is a web based cloud storage solution available to AT&T subscribers. The application provides the user the ability to store photos, videos & files on their own cloud drive. The sored content can be accessed on all Internet enabled devices and shared via social networking sites like Facebook & Twitter. Digital locker uses fulcrum to process all identity related tasks and hence fulcrum development & support is under the purview of Digital Locker.

**Responsibilities:**

* Involved in requirements gathering & designing of new functionalities & enhancements based on business requirements & reported production issues.
* Part of Production Support Team, involved in resolving time critical failures, outages and production issues.
* Designed and developed the application using **agile methodology** and followed **TDD**, **Scrum**.
* Involved in requirements gathering & completing design for addition of new functionalities & enhancements.
* Involved in code review to **remove redundant** and **unsecure code blocks** from **legacy application.**
* Involved in designing and implementing database tables by using **PL/SQL Developer.**
* Modified all the SQL queries to protect against SQL injections and better connection management
* Maintain and improve application throughput for better **load management.**
* Modified **class instance management** to improve overall performance of the fulcrum application
* Work with On-boarded partner application team and provide support for initial on-boarding and integration.
* Implemented consumption of web services provided by **external sources** (**MPS & CSI**).
* Work with support team to provide speedy resolution to **High Severity Defects**.
* Developed XSDs and soap requests and tested the requests through **Soap UI**.
* Customized SOAP UI test cases to facilitate **regression testing** and **load testing**.
* Involved in resolving time **critical failures**, **outages** and **production issues**.

**Environment:**

Java, JAXB, SOAP, WSDL, XSD, JNDI, SQL, XML, Oracle, Shell Scripts, Hibernate, Spring, Subversion, Fiddler, Eclipse, SOAPUI, Pl/SQL

**AT&T, Atlanta, GA Jan 2011 to Oct 2012**

**Java Developer**

SBOT-BYOB (Small business ordering tool -- Build your own bundle)

This is an online ordering tool for small business. AT&T provides for small business customers various product bundles to order from online. This BYOB helps small business customers to build their own bundle of products from AT&T available products catalog. This product integrates with IPC (Integrated Product Catalog and pricing system).

SuperN: This is an online ordering tool for Personal (individual) customers. This product provides services to individual customers to customize product bundles and make orders from online AT&T website.

**Responsibilities:**

* Involved in all the phases of **SDLC** including **Requirements Collection, Design & Analysis** of the **Customer Specifications**, **Development** and **Customization of the Application**.
* Implemented **Agile Methodologies** and **SCRUM** a light weight framework for managing and controlling iterative and incremental projects
* Develop the **User Interface Screens** for presentation using **JSP** and **HTML**.
* Designed a common controller in determining the appropriate resulting **UI pages** based on the service outcome.
* Developed **Struts action classes**, **Action Forms** and **Struts validation classes** to implement **UI Layer.**
* Configured Actions for **UI navigation** in **struts-config.xml.**
* UI Layer implemented with **Struts**, **Struts validation**, **Struts Tiles**, **JSP**, **XML**, **CSS**, **XHTML**, **JavaScript**, **DOJO**, **AJAX.**
* Implemented **DAO** and **Business layer** with **Hibernate**, **JMS**, **XML**, **XSLT**, **XML schema** and **J2EE Patterns.**
* **JQuery** to select and manipulate **HTML elements** and also **CSS manipulation**.
* Implemented **XML parsers** with **SAX**, **DOM**, and **JAXB XML Parser Libraries** to Modify User view of Products and Product information in Customized view with **XML**, **XSD**, **XSTL** in **HTML**, **XML**, **PDF formats**.
* UI design and development using **JQuery**, **AJAX**, **STRUTS**, **Tiles**, **JSP**, **JavaScript**, **JSON** and **HTML**.
* Developed **Web services**, **WSDL**, **SOAP Messages** and Attachments to Integrate **SuperN** and **SBOT-BYOB** with **IPC**(Integrated Product Catalog and pricing System)
* Developed **JUnit Test classes**.
* Developed complex queries to retrieve products based on region and service address and implemented PL/SQL stored procedures and Functions.
* Tooltips implemented with **DOJO** Framework.

**Environment:**

Java, J2EE, Hibernate, Struts and Validation, JSP, Servlet, CSS, JavaScript, Oracle10G, Weblogic Server, Ant, Eclipse, JUnit, DOJO Toolkit 1.3, Log4J, AJAX, JQuery, JNDI, JMS, HTML, XHTML, Web Server, JDBC, XML, TOMCAT, MAVEN, XSD

**USAA, San Antonio, Texas July 2009 to Nov 2010**

**J2EE Developer**

**Project: Member Centric Messaging MCM**

Member Centric Messaging MCM provides online message creation capabilities that ensures accuracy, consistency, efficiency and improved member experience. MCM includes several components such as Common, Fulfillment, Authoring and Composition. Composition involved developing a user interface, enabling users to enter details for a message which is send to members and different delivery parties through different delivery channels. The user interface tool know as Enterprise correspondence tool enabled user to enter message recipient information, Pick Sections , Add courtesy copies, Preview Messages, Send Message for review, approval and submit.

**Responsibilities:**

* Study the function requirements and prepare the application requirements word document.
* Extensively worked on building **applications** and **integrating them.**
* Extensively worked on **Servlets**, **JSP**, **Java Beans**, **RMI**, **JDBC** and **Common Utilities E-Mail Service Framework**.
* Configured web services in **WebSphere application servers WAS6.x** and integrated in web application to fetch results
* Compiled the **source code**, merged and integrated various modules of the application
* Development of HTML pages and **JavaScript** for front-end validation.
* Development of **SQL/PLSQL** scripts for stored procedures, functions for SQL server database.
* Development of **JDBC Connection Pool API** as an interface to database for fast database response using bottom out transaction processing approach.
* Preparation of deployment and migration documents and scripts for **deployment and backup** the application.
* Responsible for **Debugging and Assembly test** and **user acceptance Test** of the end product on the development environment.
* Developed various **UI Screens** of management information reporting
* Developed user **interfaces**, **Action classes**, **Business components** using **struts framework**.
* Developed **EJB Components**, which encapsulate business logic and build up the model for the system.
* Implemented various **J2EE design patterns** like **DAO pattern**, **Business Delegate**, **Value Object**.
* Involved in Development, Enhancement and **Unit Testing**.
* Involved in server setup, baseline of batch and farm **WAS6.x servers**.
* Involved in configuration management of the applications in WAS6.x.
* Involved in Merging Building the code for CIT, TI and Runway environments.

**Environment:**

Java, JDBC, Servlets, JSPS, Hibernate, Web Services, PS Framework, WAS, RAD IDE, Oracle

**First Horizon National Corporation, Memphis, TN Oct 2008 to June 2009**

#### J2EE Developer

**Project: FHN Bank – First Express Pay**

First Express pay in the online banking application which allows the customers to pay their bills and fund transfers easily. This project involves design, development, enhancement, support and maintenance of Online Web Application’s (Banking Application’s) of FHNC. Some of the applications are First Express Pay, Voice of customer, Positive Pay, WebAch.

**Responsibilities:**

* Developed standard **UI flows** using **Struts** based Web application that can be integrated into **action classes** and **Data Access Objects**.
* Developed **Action Classes** for **workflow control** and **Data Access Object** for getting database connections from connection pool.
* Developed **Stateless Session Beans** in the model layer to implement **business logic** for the application.
* Extensively used the **Jakarta Struts Framework**.
* Written client side validations using **JavaScript** and server side validation using validation-**rules.xml.**
* Implemented user session management using **HTTP Sessions**.
* Used **JDBC** to access Oracle Database and used Stored Procedures.
* Developed **JSP Pages** made them accessible to the Client using **Web Logic Application Server**.
* Designed and developed elaborated set of Web Services that allows banking applications to manage and administer **OTP infrastructure** (**Verisign UA Services**).
* Designed and developed **WEB ACH** and Payment Web services using **SOAP, UDDI, WSDL**
* Developed **ANT** (**build.xml**) targets for build and deployments on **Web Sphere Application Server** 5.0.
* Extensively used complex SQL statements including joins and nested queries.
* Extensively used **XPath** for finding information in an **XML document**. XPath is used to navigate through elements and attributes in an XML document.
* **Coded JSP pages** and used **JavaScript** for client side validations and to achieve other client-side functionality.
* Extensively worked on **AJAX** for implementing User Interface.
* Used **ANT** scripts for building the application.
* Developed **Java Helper classes** for updating Customer Accounts and Customer information.
* Involved in enhancements of the **application and bug fixing.**
* Written unit tests using **JUnit framework**.

**Environment:**

Java, JDBC, Servlets, JSPS, Struts, Web services, XML, CSS, SQL Server2000, Rational Application Developer IDE, WebSphere Application Server 6.0, UNIX, WINSCP, SOAPUI

**Education:**

**BS in Industrial Engineering – Garyounis University, Benghazi**

**Masters in Information Technology – University of South Australia, Adelaide**