

Ibtihaj Muhammad

Murphy, TX 75094

Summary

- Over 14 years of experience designing, building and implementing software solutions for complex problems.
- Involved in all the phases of SDLC -requirement gathering, design, development, maintenance and support.
- Have experience working in a **cross-functional** team environment that includes Technical **Support**, Developers, SAs, DBAs, Systems administrators, tester etc.
- Experience in designing, implementing, deploying and supporting both Front end & Backend applications using **Java, J2EE Web frameworks, GWT, smartGWT, HTML, HTML5, CSS3, JavaScript, AJAX, Servlets, JSP.**
- Experienced in using **Spring** framework (MVC, AOP, Security, Transaction).
- Experienced in using **Hibernate** framework in interaction with the RDBMS.
- Experienced in deploying applications on **Apache Tomcat, GlassFish, Jboss** and **Web Sphere**.

Work Authorization: Green Card

Proficient Skills

Languages	Java (JDK 1.6/ 1.7/1.8)
Web Technologies	GWT, JSP, Servlets, JSTL, React, Struts, Web Services (REST), AJAX, DWR, jQuery, HTML and CSS
Web Services	SOAP, REST.
Frameworks	Spring, Hibernate.
Application/Web Servers	Tomcat, Jboss, GlassFish
IDE Tools	Eclipse, Net Beans, IntelliJ
Databases/API	Oracle 11g, MySQL, JDBC, Couchbase
Query Languages	SQL, PL/ SQL.
Tools/API	JUnit, Selenium, Postman, Maven, Pl SQL developer, PG Admin, Putty, Linux, Jenkins, SVN, Git gui, git Bash, Jira etc
Operating Systems	Windows 2003/2000/NT/XP/Vista, Windows 7, UNIX, Linux
Performance Tools	JProfiler, JConsole
Bug Tracking	Jira, Mingle, Mantis, PVCS, Bugzilla
Dev Tools	Various Apache tools, POI, Quartz, Velocity, Log4j, Ant, Toad, Winscp, Crystal Report and Jasper Report

Professional Experience:

Client: USAA, TX
Employer: Randstad, TX
Sr FullStack Developer



Description:

Worked for the development of BEAM In-house product.

Responsibilities:

- As a FullStack Developer Involved in system design, analysis, implementation and setting up the development environment, successfully followed agile methodology in the Scrum Cycle model.
- Primarily responsible for development of various GUIs using Java and Spring, develops Software Applications according to functional and technical design specification.
- Designed, developed and deployed with using IntelliJ IDE and Application Server with Couchbase Database.
- Using GitLab as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used Maven as build and configuration too

Technologies:

Java, Spring, React, JavaScript, Couchbase and Kafka.



Client Name: State of NJ (Department of Community Affairs)
Employer: Alois LLC, NJ
Application Systems Analysis

Nov 2018 – Dec 2019

Description:

USFHEA (Universal Service Fund and Home Energy Assistance):

Responsibilities:

- Used Struts Framework with for building USFHEA project.
- Designed, developed and deployed with using NetBeans IDE and Glassfish Application Server with Oracle Database.
- Used NJ Portal (LDAP) for user authentication and SSL Certificate for security Layer of Web pages
- Run Batch Jobs through Win SAP to processing Data from Utility companies and to publish reports at web application through Crystal Reports
- Used CVS for Version Control Management

Technologies:

Java 6, Webservices, Struts, JSP, Servlets, CSS, JavaScript, Glassfish 2.1, Oracle and Linux.



ERICSSON

Client: Ericsson, NJ
Employer: CCM, NJ
Sr Software Engineer

July 2015 – Nov 2018

Description:

Worked for the development of EEA and SQM product.

EEA (Ericsson Expert Analytics):

Ericsson Expert Analytics is a telecom analytics solution that measures all perceived customer experiences based on metrics and events from network nodes, probes, devices, OSS/BSS and other sources. The main goal of this product is to improve customer experiences and drive new revenue with a real-time, end-to-end telecom analytics solution that offers unique insights and closed-loop actions.

Responsibilities:

- As a GUI Developer Involved in requirements gathering, system design, analysis, implementation and setting up the development environment, successfully followed agile methodology in the Scrum Cycle model.
- Primarily responsible for development of various GUIs using smartGWT and Java, develops Software Applications according to functional and technical design specification.
- Creates unit and functional testing framework for existing internal services.
- Estimate the development effort for the system requirements that are defined by the Business Analyst
- Analyzes user needs and requirements to determine feasibility of design within given timeframe.
- Developed Unit test cases using JUnit, Mockito and Easy Mock.
- Using TestNG testing Framework as a test runner with Selenium.
- Using Jira for tracking bugs and used Gradle with Jenkins for building and deploying the application to multiple environments and created Daily Rolling Log using Log4j.
- Using GIT as version control system, to keep track of all the work & all changes, allowing several developers to collaborate and used Maven as build and configuration tool.

Technologies:

smartGWT, JQuery, HTML, CSS, JavaScript, TDD, JUnit, Selenium, JBoss, SQL Server, RPC Calls, Jira, Maven, Jenkins.



Client: Northstar Technologies, GA
Employer: Northstar Technologies, GA
Sr Software Engineer

Nov 2012 – June 2015

Responsibilities:

- Responsible for redesigning/re-writing Account Payable, General Ledger and Timekeeping systems.
- Responsible for creating a presentation layer using GWT widgets and event handling.
- Core developer of the application infrastructure using GWT
- Struts framework along with JSP, HTML5, CSS3 and JavaScript to construct the dynamic web pages (presentation layer) for the application.
- I was selected by Northstar to lead MCM (Multi Club management) project. The purpose of this project was to provide an integration between two or more Northstar system.
- Designed, developed, delivered, and supported several key Northstar components/services (SMS and VOICE Alerting using REST web service API and hardware interfacing using Communication API), that resulted in improved stability, usability, performance, user experience and customer satisfaction.
- Performed code/design reviews and served as senior resource for the entire development team.
- Designed and developed excellent logging Mechanism for each order process using Log4j
- Supervised and guided a team of developers and interns; led development and testing efforts.
- Testing and debugging of application using Junit.

Technologies:

Java Reflections, Annotations, Java Mail, REST web services, Apache POI, XML, JAXB, jQuery, jQueryUI, HTML, CSS, JSP, JavaScript, GWT, Struts, Hibernate, JDBC, JUnit, TDD, Tomcat, MySQL.



Sibisoft, Karachi (Pakistan)
Software Engineer

Jan 2005 – Oct 2012

Responsibilities:

- Responsible for creating a presentation layer using GWT widgets and event handling.
- Used GWT to create interactive user interface.
- Performance tuning of the application so that a concurrent load of 1000 users could be handled.
- Created an easy to use Quartz API that sends SMS and Email Alerts to targeted audiences when a defined event happens.
- Developed a JPEG to RTF stream converter for MS Word documents being rendered by Velocity.
- Developed and design a report as per user requirement using Jasper Report.
- Did extensive CVS Management like tagging, branching and continuous integration.
- Introduced the static code Analysis, culture and developed the PMD, CPD and find Bugs ANT scripts.
- Developed, redesigned and rewrote all reports from Formula One into Jasper reports.
- Developed a project named FRD (Financial Report Designer) using Java Applet and Apache POI.

Technologies:

Apache POI, XML, JAXB, jQuery, HTML, CSS, JSP, JavaScript, GWT, Struts, Hibernate, JDBC, JUnit, TDD, Tomcat, MySQL.

Education:

Bachelors of Sciences
Major: Software Engineering, Bahria University, Karachi
GPA (3.00)



March 2001 – Dec 2004

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