**Sultan S. Soomro**

**Work Status:**

* US Citizen

**Clearance:**

* Public Trust / BMI­­

**Objective:**

* To Achieve excellence in Software Design and Development

**Experience:**

* Over fifteen years of experience in application design, software development and data modeling using Systems Development life Cycle. Expertise in Java, J2EE, Struts, SQL, DB2, Oracle, SOA, BPM, Web Services, EJBs, JSPs, Servlets, Portals/Portlets, Eclipse, Web sphere, Weblogic, Jboss, Tomcat, Spring, Spring Batch, Hibernate, Batis3/Mybatis, Spring JDBC, Apache Camel/Integration, JMS/Messaging, Oracle Advanced Queues(AQ), Oracle ADF/JSF, JQuery, Entellitrak.
* Worked in versatile environments: finance, insurance, manufacturing, distribution, ERP, transportation industry and the government agencies. Team player and self-starter with best communication skills. Proven Development and Analysis skills.

**Micropact Oct. 2014 - Today**

**Herndon, VA**

**Senior Java EE Developer**

* Working as Senior Developer responsible for designing, developing, testing and integrating various modules independently. Implementation of business process management (workflow) applications for various government and private clients including Georgia State University, GSA, and currently working on DOJ JSTARS project.
* Actively involved in design, development, implementation, deployment, testing, troubleshooting and support of the proprietary Micropact BPM applications.
* Doing front-end and back-end (full stack) development using Java Enterprise (JEE) based BPM product- Entellitrak. Programming Languages / tools used: Java, JQuery, Java script, SQL, Servlets, Struts, JSP, Prototype and Eclipse; databases including Oracle and SQL Server running on Tomcat application server.
* Worked on legacy as well as built new systems implementing Entellitrak workflow product line.

**US Census Bureau Nov. 2011 – Sep. 2014**

**Suitland, MD**

**Architect/Senior Java EE Developer**

* Working as Senior Developer/Architect, supporting wide range of developers and users within the Economic Directorate of Census Bureau.
* Performed variety of tasks from trouble shooting to design and presentation of solutions for various situations and technologies.
* Developed common software utilities to facilitate the development teams have the common software building blocks to ease and standardize the application development process.
* Implementing standards and best practices in the software development life cycle to make sure there is no violation of rules and regulations laid down by the IT management.
* Helped implement Single Sign-On solution to allow users login only once and logout only once for the java based web applications by creating a utility Jar file as a component to be added into applications needing the SSO implementation.
* Designed and Architected Oracle ADF application integration with Spring framework to provide another alternative to the ADF Business Components for back-end development.
* Created auditing utility which would audit the applications to monitor proper usage of Data sources and JDBC connections and record the misuse of database connections. Integrated Maven, Nexus and Hudson to achieve automation and optimization in the software build process. Also working as administrator for the Hudson Continuous integration tool.
* Helped users in trouble shooting issues in all the layers of application; from browser issues to back end development.
* Application design and development using tools like Oracle SOA suite, Oracle Service Registry, Oracle Service Bus and Oracle BPM Suite.

**Blue Cross Blue Shield April. 2011 – Nov. 2011**

**Washington, DC**

**Senior J2EE/Java Developer**

* Created web services application for handling insurance claim details and claim roster for the federal employees program.
* Worked on all aspects of the web services application development, from XSD interfaces to the implementation and integration with the client web application.
* Used IBM WebSphere/RAD server as the platform for deployment of the services, Mybatis 3 for data retrieval, DB2 / main frame zOS as the database and Web services JAX-WS (JAXB) standard to develop the services.
* Tuned the SQLs and performed unit testing as well as integration testing of the web services application APIs.

**Northrop Grumman    Dec. 2009 – March 2011**

**Fairfax, VA**

**Lead J2EE/Java Developer**

* Worked as consultant and major contributor to the successful software release of the Defense Travel System which is used by millions of armed forces users worldwide. The environment consists of Spring, Hibernate, Java/J2EE, Struts/Tapestry, PDF documents, and Apache Velocity templates.
* Currently working on another financial software release which focuses on advance payments given to the military travelers while on long travel. This tracks the partial payments given through bank advances and government credit card approvals and the calculations.
* Created PDF documents using velocity templates for printing vouchers, authorizations. Unit tested the code using J-unit and Mockito for mocking objects
* Used Oracle 11g BPM and Weblogic server to model, design, develop, test and deploy SOA/fusion work flow applications using web services in J-developer 11g IDE.
* Installed Oracle 11g BPM and SOA suites and Weblogic server, configured and setup the environment for fusion/SOA application development
* Created a new interface application from scratch, from design to development. The interface acts as a mediator between a financial system and an external web services application. Used Web Services, Apache Axis2, Rampart / Bouncing Castle for WS security, Spring, Spring JDBC.

**US Census Bureau    March. 2009 – Dec. 2009**

**Suitland, MD**

**Lead J2EE/Java Developer**

* Created from scratch the Batch Processing Application having a web based Console / Dashboard interface for controlling and managing batch jobs which send and receive xml messages.
* Created the application in a J2EE environment using Java, JSPs, Spring Batch, Spring/Integration, JMS, Apache Camel and Struts2 frameworks. For database and message used Oracel10g database, Oracle advanced Queues technology and XML.
* Solely designed the architecture of the application, developed, implemented and deployed the Batch Processing application on Oracle application server. Also designed the user interfaces, job configuration and backend services for the batch application.
* The Application processes bulk loads of data and provides user with the interfaces and infrastructure to control and run the jobs as well as display/monitor the status and errors for handling the exception conditions.
* Integrated the batch application with the web application which acts as input to the batch processing system. The application/jobs process the data and update back the data base for the web application.
* Worked as lead developer for the Batch Processing application; helped and mentored programmers to learn the Spring Batch framework, application and how to write jobs for the batch processing environment.

**Airline Tariff Publishing Company    Feb. 2007 – Feb 2009**

**Dulles, VA**

**Sr.J2EE/Java Developer**

* Part of the successful team who developed and deployed online web application for publishing the air fares for all the major airlines of the world, using J2EE, Struts2 in IBM Web Sphere server environment. Presently working on extensions and maintenance of Fares Online System. Working on front-end as well as back-end.
* Created design and technical documentation including Sequence diagrams, DMNs, Class diagrams Using business documents and use cases to create detailed specs for UI coding. Also created guidelines for performing unit tests.
* Independently handled and developed parts of the application. Working with the business team to clarify requirements and code the business logic for front-end according to the business rules and specifications.
* Played leadership roles in release management and setting up server and environments for development teams. Mentored and helped new and junior developers in setting up their workspace/server/environments and getting up to speed with the team. Received certificate of recognition form management.
* **Tools used**: Java, JSP, Struts2, WAS server, Eclipse, EJB, XML, Tiles, DB2, SQL, Clear case, IBM RSA7, Hibernate, Spring, Ajax, J-unit and Java script.

**Well Fargo Mortgage March. 2006 - Feb. 2007**

**Frederick, MD**

**Sr.J2EE/Java Developer**

* Developed and maintained Portal applications
* Worked as a team member and independent contributor, to combine two existing financial applications merging them into one core application.
* Created technical documentation including Sequence diagrams, Class diagrams, Use cases
* Extending the existing applications functionality, adding new components for the user interface layer, service layer and portal layer of the applications.
* Doing bug fixes in the existing Mortgage and Financial applications.
* **Tools used**: Java, JSP, Servlets,Tomcat server, Eclipse, My Eclipse 3.1, RSA, Vignette portal server, XML, Tiles, Toad, SQL, CVS, SQL Server and Oracle, IBM Rational.

**ValueOptions Inc. Feb. 2005 - March 2006**

**Reston, VA**

**J2EE/Java Developer**

* Developing and maintaining Web / J2EE applications using Java, JSPs, Tiles, Servlets, Struts, EJBs, employing Design Patterns in Web sphere environment.
* Using state of the art technologies and techniques to create new web applications. Using layered approach including Web, Delegate, DAO and EJB layers to deliver the effective and extensible solution to the problems. Participated in the development and design of all the layers.
* Working as a team member and independent contributor, responsible for creating two big insurance applications for providers and members.
* Created technical documentation and supporting the online application which is being used by thousands of users every day.
* Working on new project to convert a huge .Net application to J2EE platform using Java, Swing, FTP servers, XML and EJBs.
* Received letter of appreciation from the management for commendable performance.
* **Tools used**: Java, JSPs, Servlets, EJBs, XML, Tiles, JAXP, Toad, SQL, CVS, Spring, WSAD 5.1, DB2, Oracle, WAS server, Log4j, AJAX.

**World Wide Software Services Jun. 1999 - Dec 2004**

**Clinton, IA**

**Consultant Programmer Analyst**

**Worked as consultant with the following clients:**

**FedEx Ground Services**

**Pittsburgh, PA**

**Senior Developer**

* Used Web sphere and Java/JDBC technology to create interface / tool to update and manipulate DB2 data in Oracle Database from i-Series, COBOL system, based on trigger events. Saving lot of money for buying the proprietary software from Oracle.

**American General Finance (AIG)**

**Evansville, IN**

**Programmer Analyst**

* Used J-Developer, Struts Frame work and J2EE, i-Series COBOL to create new browser-based application - Law Coding System, for More-Equity Financial package. Worked on the project from scratch to the implementation, including design, development, testing and maintenance employing SDLC.

**Bridgestone/Firestone**

**Akron, OH**

**Programmer Analyst**

* Created web-based application - Product Evaluation System using Visual Age for Java, J2EE and Java technology.
* Developed client server application using Java, COBOL, SQL and JDBC, to access and manipulate DB2 UDB database over PCs, using IBMs Visual Age for Java.

**Save-A-Lot**

**Saint Louis, MO**

**Programmer Analyst**

* Created documentation of the distribution and financial systems, identifying the areas where programs/systems needed to be re-engineered or replaced
* Used i-Series COBOL, Hawkeye and Visio tools and created Flow charts, ER diagrams, Data flow diagrams(DFD) and System flow charts

**Mastech Asia Pacific Pty Ltd. July 1998 - Feb.1999**

**Sydney, Australia**

**Programmer Analyst**

* Worked on ERP system JBA System 21, with the Pacific Dunlop Brands, Australia, a multi-national corporation, and performed following jobs:
* Using RPG/400, Sub-files and CL on AS/400 system, customized the manufacturing module of the System21, a JBA international ERP product.

**Carrier Telephone Industries Pvt. Ltd. Jan. 1994 - Jul. 1998**

**Islamabad (Affiliate of Seimens, Germany)**

**System Analyst/Programmer**

* Member of a team building an in-house ERP system and sole project developer of the following modules using RPG/400, SQL/embedded, COBOL, Sub-files, DB2 and CL.

**EDUCATION:**

Masters in Computer Science, Quaid-e-Azam University, Islamabad Aug 1993

Currently enrolled in Postgraduate Diploma in Cyber Security, Harvard University.

**Training:**

* CL/400 workshop by IBMJuly 1997
  + - In-house Web development training Dec 1999
    - IBM Rational Software by IBM Sep 2007
    - Spring and Hibernate by Learning Tree Oct 2008
    - Agile Development with Scrum Dec 2008
    - Oracle ADF software development Mar 2011
    - SOA training by Oracle July 2014

**Certifications:**

* Certified Java Programmer May, 2001

**Languages and Frameworks:**

* Java / J2EE, SQL, Struts1/2, EJBs, Oracle Advanced Queues, Spring, Spring Batch, Web work, Hibernate, JSPs, Tiles, Servlets, Java script, VB script, XML, HTML, Style sheets (CSS), X-path, XML parsers, Ajax and Tapestry, Velocity, J-Unit, Mockito

**Languages/Environments**:

* Web sphere, J-Developer, IBM Rational Application Developer(RAD), IBM Application Architect, Toad, Oracle SQL Developer, Eclipse, Spring, JMS Development Suite**,** DB Visualizer, SVN**,** SVN tortoise, Log4j, Visio, MS-Word, MS-Project, Lotus Notes, Excel, Oracle Business Components, XML, UML, Servlets, JDBC, C, RPG, COBOL and CL

**Operating Systems and databases:**

* OS/400, Windows, UNIX, DB2, Oracle9i / 10g, MySQL,

**Servers Used:**

* Apache Tomcat, IBM Web sphere, Oracle Web logic, Oracle application server