#### Raj Kumar Jain

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**Citizen: USA**

**EXPERIENCE SUMMARY:-**

* **More than 22 years of experience,** in JAVA, JEE, **Webservices** (SOAP and Rest), Cyber Security, Identity and access management..
* Extensive programming experience Java, JMS, EJB, JSP, JSSE, Servlets, Java Mail, RMI, JDBC, AWT, JTA, Socket programming, Exception handling, Event handling, Multithreading, Applets, XML, **RESTful Web services** and **SOAP,WSDL,UDDI**.
* Expert in design and development of various web applications and enterprise using **J2EE technologies like EJB, JPA, JSP, J2EE Security, Java Server Faces, AngularJS,Struts framework, Servlets, JDBC, JMS, Web sphere MQ** .
* Extensive experience working with LDAP, Siteminder, Federation (SAML) and RSA AA for authentications and authorizations.
* Extensively used various design patterns such as MVC (Model-View-Controller), Singleton, Session Facade, Service locator, Factory, DAO, DTO, and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Experience in XML technologies including XML, XSD, XSLT, XPath, DTD, and XML-Schema. Hands on experience in using XML parsers (JAXB, Castor, Xml Beans, Digester).
* Worked on Source control systems like **SVN**, **GIT**, Clear case, Harvest.
* Extensively worked on Cloud Technology like BXP2, Jenkin, and Maven.
* Automated Testing Using Jmeter and SOAP UI.

### PROFESSIONAL EDUCATION

* **Master of Computer Applications** (1994), Barkatullah University Bhopal, India
* **PMP, Project Management ,** Project Management Institute

# CERTIFICATIONS: -

* Project Management Professional (**PMP**) certified
* Sun Certified Java2 Developer and Programmer
* BRAINBENCH Certified in EJB2.0 & EJB2.0 Fundamentals
* Object Oriented Analysis and Design Using Enterprise Architect

**TECHNICAL SKILLS: -**

**Operating System: - Windows XP/NT/2000, Solaris2.6, Linux**

**Programming Language: -**  JAVA, JEE, JDBC, C+**+, SQL, PL/SQL**

### Databases: - Oracle 12, DB2

### Internet Technologies: - Java, JEE, HTML, XML, DTD, JSF, JSP, SERVLETS, JavaScript, Angular JS, Jenkins, JAVABEANS, STRUTS,J2EE Security.

### Middleware: - EJB 3.0, JPA, RMI, Tibco, JMS and Websphere MQ

### Business Intelligence: - COGNOS- Power play, Transformer, Impromptu, Informatica and Webmethod

### Application Servers: - Websphere 7.0, Tomcat Server

**Portal Server: - IBM Websphere Portal and Commerce Enabled Portal**

### Web Server: - iPlanet WebServer 4.0, iPlanet Directory Server 5.0,

### Apache.

**GUI Tools: - Rational Rose, Visio, ER-WIN, UML, Visual Basic, WSAD,**

**Eclipse Blue 8.6, IBM Rational Application Developer, Harvest.**

**Security Products: - LDAP, CA Siteminder Federation, RSA, J2EE Security.**

**PROJECT EXPERIENCE**

1. **Security Framework and SSO Integration(Federation)**

**Employer Bank of New York Mellon**

**Duration Aug 2012 – current**

**Role Application Manager**

**Domain Enterprise Security Services**

**Responsibility: -**

* Extensible work on security framework for conversion to siteminder protected for authentication.
* User conversion from GIS ldap to corporate ldap.
* Extensible work on Refactoring and conversion of security framework components and webservies to BXP2 based environment.
* Converted ESF repository to GIT from SVN for BXP2.
* Implemented ethical hacks items and also on boarded ESF for Static and Dynamic scanning using Veracode and Appscan. Also integrated Secure Assist with Eclipse IDE for code scan during development Cycle.
* Implemented Dyantrace for monitoring.
* Boarding SAML partnership from ESF to CA Federation Manager
* Maintenance and support of Security Framework for ECI2 environment.
* Designed and Developed Rest and SOAP based webservice for Authentication / Authorization service for LDAP in BXP2 environment.
* Lead and managing SSO integration project using CA Federation Manager.
* Lead and manage efforts with line of business for setup firewall, proxy, and virtual host and site minder configuration.
* Support upgrade project for Federation to 12.52 from window to Linux environment and Database Upgrade from 11g to 12c for Federation and ESF.
* Lead and mentor a group of Developers and Contractors; provide governance, consultative services, issue resolution, project management, and application integration expertise & strategy in the areas of application development and architecture.
* Lead corporate release management and support for post-production issues, and coordinate performance tuning and testing effects.

**Environment: JAVA, J2EE (EJB 3.0,JPA, JSP,JSF,BXP2, Servlets, JDBC, JMS, WebServices), IBM RAD and Eclipse Blue, XML, SAXP, DOM, IBM Web Sphere Application Server, Mainframe, JAXB, ESB, WebServices, SOAP,WSDL, UDDI,WS-Security, JMS,MQ, Spring,Strruts, JMeter, Log4J, XML Spy, Jenkin , HTML, CSS, JavaScript, DHTML, Oracle, PL/SQL, Windows 2000, LDAP, Harvest,SVN and Git ,Ldap,RSA,Sitemider, CA Federation Manager(SAML 2.0).**

1. **eMarketing Portal and IT-Direct Pay(Bill Generation for Individual Billing)**

**Employer Highmark Inc**

**Duration June 2007 –August 2012**

**Role Application Architect/ Lead Application Developer**

**Domain eMarketing Portal and Finance**

**Responsibility: -**

* Created and updated Document for Coding standard and best practice
* Created and updated Document for Code Review Process. Also streamline the code review process.
* Created and modify the existing High-level and Detail Level Design Documents.
* Document and Production Security certificate and also create Planner document for their expiration date.
* Designed and Developed Frame work to consume Blue Devel component which are mainframe component. This frame work is based on **J2EE Messaging (MQ, JMS**).
* Designed and Developed Frame work for consuming Backend service component in portal. This is very generic framework. In which we can consume any service component written in Highmark. It is based on SOA.
* Designed and Developed Framework for **PKI Based Security**. This handle for Data encoding and decoding.
* Designed and Developed Framework for Inbound and Outbound SingleSignOn using SAML
* Design and Develop **Rest/SOAP (WSDL, UDDI)** Web Services for third party.
* Doing Architect code review for projects
* Involved in TAP, TPOC process.
* Working with security Architecture for setting **MQ queue access**, web service security.Participate in the Estimation of the Projects.
* Creating Shell scripts for Batch Jobs in UNIX.
* Worked with Middleware services to create the Data sources for the application.
* Worked with Configuration and Management team to streamline the process of build and properties files storage based on the environment e.g. dev/test/prod.
* Worked with Network Group for setting/changes in firewall for opening the firewall to third party.

**Environment: IBM Rational, UML, JDK1.6, J2EE (EJB 3.0,JPA, JSP,JSF, Servlets, JDBC, JMS, WebServices), IBM RAD and MyEclipse Blue, XML, SAXP, DOM, IBM Web Sphere Application Server, Mainframe, JAXB, ESB, WebServices, SOAP,WSDL, UDDI,WS-Security, JMS,MQ, JUnit, Log4J, XML Spy, Core Id, Ant , HTML, CSS, JavaScript, DHTML, Oracle, PL/SQL, Windows 2000, coreid, Harvest,BVMC content Management Tool.**

**2. Nextgen Website (Portal) for Thermo Fisher Scientific**

**Employer: - Thermo Fisher Scientific Inc.**

**Duration: - Aug2004 to June 2007**

**Domain: - E-commerce**

**Role: - Sr. Web Engineer**

**Environment: Rational Rose, UML, JDK1.4.2\_03, J2EE (EJB, JSP, Servlets, JDBC, JMS, WebServices), IBM Websphere Studio, Eclipse, XML, SAXP, DOM, IBM WebSphere Application Server and Portal Server, CMS, Informatica , Webmethod, Mainframe JAXB, WebServices, Servlet, JUnit, Log4J, XMLSpy, Ant, HTML, TogetherJ, Weblogic, CSS, JavaScript, DHTML, Oracle, PL/SQL, Windows 2000**

**3. Prescriber Pharmacy Interface (PPI)**

**Client: - McKesson, Pittsburgh PA.**

**Employer: - Sun Micro System.**

**Duration: - Nov2003 to Aug2004.**

**Domain:- Health Care Industry.**

**Role: - Sr. Developer**

**Environment: Rational Rose, UML, JDK1.4.2\_03, J2EE (EJB, JSP, Servlets, JDBC, JMS, WebServices), Jbuilder9.0, Eclipse, XML, SAXP, DOM, Weblogic8.1, Swing, JAXB, WebServices, Servlet, JUnit, Log4J, XMLSpy, HTML, STARTEAM, Caliber, XML Parser, Tora, CSS, JavaScript, DHTML, Oracle, PL/SQL, Windows 2000**

**4. Wortex (Workflow and Transaction System)**

**Client: - GEPS, Schenectady NY**

**Employer: - DB Concepts Inc. (Birlasoft Ltd.)**

**Duration: - Jan2002 to Oct2003 (22 months)**

**Domain: - GE process for calls centers**

**Role: - Technical lead**

**Environment: Rational Rose, RUP, UML, JDK1.3, J2EE (EJB, JSP, Servlets, JDBC, JMS), JavaBeans, WSAD, XML, Struts, Tomcat, WebSphere, WebLoad 5.0 and JProbe 3.0 (For Performance and Memory Utilization), FileNet P8, CITRIX, TIBCO, HTML, CSS, JavaScript, DHTML, Oracle, PL/SQL, Windows 2000**

**5. FCA (Facility Cost Audit System)**

**Client: - Qwest Communications Inc Arlington, VA**

**Employer: - DB Concepts Inc.**

**Duration: - Apr 1999 to Dec 2001 (32 months)**

**Domain: - Invoicing and Billing**

**Role: - Technical Team Lead**

**Environments: - Java 2, J2EE, Java Swing, JBuilder, RMI, JDBC2.0, JSP, Servlets, EJB, JNDI, JMS, PVCS, Visual Source Safe, TOAD, ER-Win, Oracle 8, XML, UML, Rational Rose, Weblogic, JReport, Oracle Discoverer, Cognos, Windows NT and SunOS**

**6. Management Reports**

**Client: - John Deere East Moline, IL**

**Employer: - DB Concepts Inc**

**Duration: - Sep 1998 to Apr 1999 (7 months)**

**Role: - Programmer / Analyst.**

**Environments: - Rational Rose, Java, JDBC, Java SERVLETS (JSDK2.0), Enterprise Netscape Server, HTML, DB2, Object Oriented Analysis and Design.**

**7. NMS (Network Management System)**

**Employer: - Manage.com (formally VNET Technology) - Santa Clara CA.**

**Duration: - Jan 1997 to Aug 1998 (20 months)**

**Domain: - Networking**

**Role Software Engineer**

**Environments: - Java, SNMP, JAVA WEB Server 1.0.2, KLG Library, SERVLETS, HTML, Object oriented analysis and design, C.**

**8. IATO (Information and Time Organizer)**

**Employer: - ECA New Delhi (India)**

**Duration: - Jul’1994 to Dec 1996 (30 months)**

**Role Software Engineer**

**Environment: - JAVA, (JDK 1.0.2), C++, MFC, C, Visual Basic 3.0, Sybase, UNIFY**