

**Mohapatra, Tapas  
SCDJWS,SCBCD,SCWCD,SCJP, MCSD**

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**Java / J2EE Developer**

Visa status (EAD) Current Location: CT

**Summary:**

 Sun Certified Java - J2EE Developer with 14 yrs of experience in IT with diversified businesses, technologies and quality processes.

 8 years in J2EE technologies which includes technologies like JSF, JPA, XML API, Web services, Hibernate, HQL, Java, JSP, Ajax, EJB, jUnit and Selenium.

 6 years in Microsoft technologies and Legacy systems.

 Expertise in Analysis, Development, Testing, Modeling and Designing of software Applications. Supporting clients end to end; from requirement gathering to packaging and delivering to client’s server.

 Implemented successful projects for Insurance & Financial Services industries working for leaders like Travelers, Hartford, GE Corporate and GE aircraft Engine, State Farm & Equitrust.

 Knowledge of industry level quality processes like Six Sigma, CMMI and ISO.

**Certifications:**

**** Sun Certified Developer for Java Web Services (SCDJWS in 2009)

**** Sun Certified Business Component Developer (SCBCD EJB 2.0 in 2005)

**** Sun Certified Web Component Developer (SCWCD Servlet 2.4, JSP2.0 in 2005)

**** Sun Certified Java Professional (SCJP 1.4 in 2005)

**** Microsoft certified solution developer (MCSD in VB-5, SQL & window architecture)

**Skills:**

Operating Systems Win 95, NT, 2000, XP, MS DOS 6.22

Languages/Platforms **Java5, J2EE (Servlet, JSP, JSF, Rich faces, XHTML, EJB3, JMS), Hibernate, Web Services(WSDL,SOAP), XML parsing(SAX),** **XSD**, **XSLT**, **DOM**, **JAXP**, JAXB, SAAJ, Java script, Struts, Spring Framework, JDBC, Log4j, UML, Ajax, HTML, Flex, VB, ASP, Visual studio, C++, SQL, COBOL/MVS.

Tools/IDE JBoss, Web sphere (RAD), Web logic 8.1.3, Tomcat, WASD v5.1, TCP-MON, MQPasa, SQL developer, AQT, TOAD, Apache, jUnit, Selenium, PMD, Jenkins

Source control ESVN, P4, PVCS, CVS, RMS, Dimension, VSS

Application Servers JBoss, IBM Web Sphere, Web Logic, Tomcat

RDBMS MS-SQL, Oracle 8.1.7, DB2

Domain Insurance, Financial Services.

Industry Standards IBM’s Insurance Application Architecture standards (IAA-XML standards), J2EE.

Other Software JCL, Crystal Report 9.0, ADS/O, IDMS.

Quality Related ISO 9000 aware, SEI-CMM/CMMI aware, Six-Sigma Green Belt.

**Project Information:**

**Travelers Nov 09 – Till Date**

**Senior Developer/Development Lead**

Project Information:

As Senior developer and SME, involved in design, development, enhancement and maintenance of IT projects in re-insurance IT.

 Designed, estimated and developed participant list project which had complex design connecting to multiple data sources and interfacing multiple applications. Performed the lead role for the 6 months project costing 1 mill $ with 5 developers.

 System upgrade from RAD to JBoss for REACTS, a contract management system. Setup the new server in jboss environment. Worked with onsite and offshore team to convert all the jsp into XHTML and other interface upgrade. Performed the lead role for the 6 months project with 4 developers. Lead the project by creating a startup module for the entire team to work on.

 Added banking capability to one of the re-insurance applications, RBP. Added encryption facility

 Worked on enhancement and bug fix projects closely with BA’s, customers and project managers through out the life cycle of the project

 Worked on POC projects for new functionality like RAD to jBoss conversion, Left navigation, menu highlight etc.

 Worked on critical break fixes like poor sql performance, connection leak, document overwrite (file net) etc

 Used PMD to control the source code quality by keeping track of violations; also used Jenkins to regulate the build and deploy from a separate, neutral machine

 Used jUnit for unit testing of the project

 Great lead experience working in onshore-offshore model. Lead a team of 3-4 developers for new and enhancement projects. Delivered each project in time, as per the estimate.

Skills: **JSF**, **Rich faces, XHTML, JPA, EJB3, Web services, Stored procedure, Ajax, RAD, JBoss5.0, Oracle11g, DB2, JDK 1.6, Junit, PMD, Jenkins, File net, ESVN, ISCMS, Balsamiq**

**Accenture (The Hartford) Dec 08 – Oct 09**

**Java developer**

Project Information:

Project Develop new business component called “Auto next generation”.

 Interactive process to calculate risk factor for auto insurance for middle market segment, Using JSP Struts, Ajax, XSLT and Web Services. The app was built in such a way that user’s answer will drive the next question. At the end of the process user will see the final result.

 Technical design, coding, testing and deployment

Skills: **Struts**, **SAX, Web services, Ajax, XSLT(xQuery,xpath), Weblogic 8.1.3, Oracle, DB2, JDK 1.5**

**SEG Software, Glastonbury (Clients: Equitrust, Hartford & Vision) May 07 – Nov 08**

**Java developer**

Project Information:

Duration May07 – Feb 09

Project Develop new Transaction process, bug fix & client support

 Worked for a life insurance product catering core insurance functionality for the big companies like Hartford, Equitrust & Vision. Worked on **Hibernate conversion** initiative for the application. Product implemented core **Hibernate** concepts like ORM and **transaction thread** to suit the complex relationship among business objects. Also the simple transaction mechanism offered by **Hibernate** was extensively used in the projects.

 Used “thread Local” transaction concept and reflection to a large extent to support business processing layer.

 Wrote a **new transaction process** for the contract save process. This product deals with complicated parent child entity relationship, **DOM document** creation and object conversion.

 Used onFlushDirty check for Interceptor to trigger separate transaction and update old owner’s record

 I was responsible for end to **end enhancement projects**; which included understanding client’s requirements, converting into technical spec, and **designing/modeling, developing, programmer** testing and getting BA testing done, build, deploy and packaging & delivering to the client’s server.

 Converted part of the application from CRUD to **hibernate**

 Used **dom4j** and **marshalling (castor)** for manipulating document to feed into the core system and customize the output. We used reflection to a large extent to support batch jobs and to activate different documents.

Skills: **Hibernate, hql, DOM, SAX, Tomcat, Oracle, MS SQL server, JDK 1.5, JDBC**

**Hartford Life Insurance May 06 – April 07**

**Java developer**

Project Information:

Duration Nov 06 – April 07.

Project Broker Alert and Disclaimer rewrite

A broker in HIFP gets notified if any fund above mentioned limit gets liquidated. A broker can change preferences for viewing specific funds and they also can specify the amount.

Disclaimer service is to let the user know about the legal terms for the company and also a way to maintain the broker and assistant relationship. This process takes care of notifying broker about the renewal vial e-mail. It also terminates the relationship if the broker does not accept the assistant disclaimer within the specified time limit.

The project was for replacing MQ by **SOA, Web services**. Worked for both WS-server & WS-client. The batch part of the application works to notify broker about the assistant status via e-mail and the subsequent termination process.

Responsibilities as **Java developer:**

 Involved in the **analysis** and **design** for the **new architecture.**

 Developed the interface modules using **web services** to bring the broker information and disclaimer information, implemented **JSE (Servlet end point).**

 Worked for the build cycle for the project for different development environment like development, staging, sim-prods etc.

 Used TCPmon to intercept the outgoing and incoming **XML** from the client.

 Used **MQPasa** to monitor the activities in Queue for the batch part of the application.

 Used **SAAJ** while working on handler, for client side id generation and server side logging activities

 Used **XSLT** to format e-mail to different users like broker, regular client etc.

 Used PVCS as source control. PVCS web tool for the build and deploy in different environment

 Prepared solution design document & project estimates

Skills : **Web services, TCPmon, XML, JAXP, SAAJ, Weblogic 8.1.3 , Oracle 8.1.7, JDK 1.4, JavaScript, Hibernate, JDBC, EJB, JMS, MQ Series, Spring Framework, UML.**

Project Information:

Duration Sept 06 – Oct 06.

Project Performance & Rate and AML enhancement

AML stands for Anti money laundering. All brokers need to be certified for AML as per the US law.

The site was modified to change how AML certification was being done in the past.

New pages were added incorporating all options for certification and appropriate notification.

Client was extremely happy with the final product.

Responsibilities as **Java Developer:**

 Involved in the analysis and design for new functionality.

 Modified **Action Servlet** and helper classes to incorporate new functionality

 Modifiedand added the **JSP** to the existing project.

 Worked for the build cycle of the project for different development environments like dev, staging sim prods etc. used UNIX to build & deploy.

 Used Dependency Injection/IOC from **Spring frame work**

 Used **spring-JDBC**

 Prepared solution **design document** & project estimates

Skills : **Weblogic 8.1.3, Oracle 8.1.7, JDK 1.4, JavaScript, Struts, JDBC, Servlet, Hibernate, Spring, XML.**

Project Information:

Duration May 06 – Aug 06.

Project HIFP refresh

URL [https://financialprofessional.hartfordinvestor.com/portal/index.**JSP**](https://financialprofessional.hartfordinvestor.com/portal/index.jsp)

The project remodeled the entire HIFP site and also added new features to the Hartford Life site. Functionality was added to provide access to mutual funds to the broker, which they can monitor, edit and get notified about.

Responsibilities as **Java Developer:**

 Involved in the **analysis** and **design** for new functionality.

 Developed the interface modules using **web services** to bring the mutual fund information.

 Implemented **EJB endpoint** from the existing business, stateless session bean

 Worked for the build cycle of the project for different development environments like dev, staging sim prods etc.

 Used **SAAJ** while working on handler, for client side id generation and server side logging activities

 Used TCPmon to intercept the outgoing and incoming **XML** from the client.

 Worked for the MQ bindings and server configuration.

 Used Dependency Injection/IOC from **Spring frame work**

 Used **spring declarative transaction** in conjunction with hibernate ORM for persisting data to multiple resources in a single transaction

 Used CVS as source control.

Skills : **Web services, TCPmon, XML, JAXP, SAAJ, EJB, Weblogic 8.1.3 , Oracle 8.1.7, JDK 1.4, JavaScript, Servlet, JDBC, Spring Framework, Hibernate, DOM**

**State Farm Insurance Oct 04 – April 06**

**Java developer / Onsite coordinator**

Project Information:

Project Passport conversion (**Legacy** to **J2EE**)

The project is for asset management for State Farm equipment & Utilities. More than 2000 users use this application in 28 regions. The existing application was in legacy system running in client server mode. Because of the complexity of the product upgrade and lack of vendor support, the application was replaced by a **J2EE** product for facility management. We developed interface modules to connect other businesses like BMS, Facility management and Accounting. Application was in compliance with SOX regulations, following rules for which records must be stored, should not be modified and preserved for at least 5 yrs.

Responsibilities as **Java developer:**

 Involved in the **analysis** and **design** for data transformation across multiple business processes.

 Used **UML** to draw use case diagram and used reverse engineering for class & sequence diagram

 Created Database objects such as stored procedures, functions, and triggers using PL/SQL.

 Used **Hibernate** & **Spring** successfully, as the application was being built newly

 Used Dependency Injection/IOC from **Spring frame work**

 Developed code to incorporate complex interactions including access to mainframe systems and

DB2.

 Used **log4j logging framework.**

 Used Dimensions Change Management Tool to handle change requests and software deployments

 Played a vital role to convert the mainframe interfaces into **Java programs**, because I have expertise in legacy and **J2EE** technology both.

Skills : **WSAD 5.1, Oracle 8.1.7, JDK 1.2, JavaScript, Struts, Hibernate, EJB, JDBC, UML**

Portal Development:

A portal is being developed a for the corporate property record storage system, using **Struts framework**. It is an n tier Architecture (MVC) with a front tier of **Java enabled browsers** accessing the Application through **JSP** pages with **JavaScript embedded** for data validation. The middle tier is **EJB**, which encapsulates business rules and logic of the Application. The bottom tier consists of data repositories, accessed using **JDBC interface** to Oracle8i.

Responsibilities as **Java developer:**

 Responsible for **gathering requirements** to facilitate subsequent analysis, design, programming, unit testing using JUnit, debugging and performance tuning of the project.

 Used UML for class diagram & sequence diagram.

 Implemented the MVC design pattern using **Struts framework** for the presentation tier.

 Used Dispatch Action class as action **Servlet** to perform multiple similar functionalities from the same form.

 Used tiles-def to eliminate code repetition.

 Used **Java script** for client side / front-end validation.

 Created **JSP pages** and used std action, JSTL and **Struts** taglibs.

 Developed the business process and data process layer using Session Bean and DAO.

 Worked on **J2EE Design patterns** such as Data-Access-Objects, Data-Transfer-Objects and Factory.

 Developed **JDBC connection** pooling to optimize database connections

 Used DataSource object to access persistence storage.

 Implemented Test Driven Development (TDD) by writing JUnit test cases to run automated tests

 Used **log4j logging framework.**

 Used Dimensions Change Management Tool to handle change requests and software deployments

 Developed **Session Beans** using **J2EE Design patterns**

 Implemented email notification process for exception occurring in the application.

Project Information

Project Correlation Helper Class Creation

Helper classes were created to be used by different interfaces of the Passport application and other SF projects.

Responsibilities as **Java developer**:

 Developed helper classes to be used by other components of the application. Helper classes like File IO, Error handling, Authentication, Encryption, File sizing, Filtering etc. were developed. These components were developed using **Java** in **WSAD.** The development followed strict technical guidelines.

 Developed multi threading programs

 Introduced third party locks for multi threading performance enhancement

 Used Singleton object to share unique information for each part of the application.

 Analyzed client’s technical requirements.

 Involved in unit testing and integration testing.

 Responsible for Feasibility study and troubleshooting.

Skills : **WSAD 5.1, Oracle 8.1.7, JDK 1.4**

**GE Financial Assurance, Richmond (U.S.A). March 01- Feb 02**

**Java Developer**

Duration Aug 2001 to Feb 2002

Project GEFA E-Servicing

Type Maintenance - Business Applications - GUI

This project was enhancement and maintenance of the two major applications of GE Financial Assurance. (1) Single Sign On (SSO) which dealt with the authentication and authorization of the users and (2) Channel Servicing Engine (CSE) which was an agent centric servicing engine that uses GEFA Authentication and has the capability of showing the all policy related data. The enhancement also included the transaction capabilities. Authorized agents were able to update some policy related data, which was later fed to the mainframe system through a FTP process.

One of the major task achieved was successful migration of the above two applications to iPlanet Application Server & Oracle 8.1.7 from NES/JRUN & Oracle 8.0.5.

Responsibilities as **Java Developer:**

Analyzed incoming requests for development and enhancement of the system

Designed the server side component and coded them using **JSP** and **EJB** and deploying it in the iPlanet server.

Used JMS API to send request from client and enhancing MDB

Used **Java script** for client side / front-end validation.

Conversion of **JSPs** from old version, **JSP1.0.**

Prepared unit test plans, **Coded Java classes, performed Unit testing**

Responsible for task Monitoring, Status reporting and Quality Data Consolidation

Responsible for Packaging and Deployment on the test server

Skills : **Netscape Enterprise Server 3.6.3, iPlanet Application Server 6.0, JRUN 2.3.3, Oracle 8.1.7, JDK**

**1.2, JSP 1.1, EJB-MDB, JMS, JavaScript**

Duration Jan 2001 to July 2001

Project Financial Calculator for Dealer.com

GE GCF is currently in the process of developing and implementing a web-site for their dealers. We developed this port let which was part of the portal and the site was developed using **Web Sphere portal**. The application use to take user information and pass it to Geneasys. From Geneasys the information was sent in a packet through socket connection to mainframe. Mainframe was the primary application for credit approval. Mainframe application use to communicate with credit bureau for the credit verification and respond back to the **Java** **module.** Based on the response we use to communicate to the users about the result, whether it’s approved, not approved or waiting status. We worked to customize the input based on the client’s requirements and pass the information to the Geneasys.

Responsibilities as Group leader and **Java developer:**

 Setting up the complete offshore development environment

 Designing, coding and testing of the various modules including deployment on the server.

 Developed JSP pages for different clients based on individual requirements.

 Used **Java script** for client side / front-end validation.

 Created JSP pages using std action and JSTL.

 Developed and enhanced **Servlets.**

 Regular communication with the client through email and teleconferencing.

Skills : **Netscape Enterprise Server 3.6.3, Web Logic, Oracle 8.1.7, JDK 1.2, JSP 1.1, Servlet, JavaScript**

Project Development of Commerce Calculators

Type Development

**Channelpoint Inc., Richmond (U.S.A) Nov 2000 to Feb 2001**

**Java Developer**

Channelpoint Inc. is in the business of providing web-based solutions to Insurance companies to web-enable their processes of generating quotes for its various products. Channelpoint hosts portals for various insurance providers. Various agents and Brokers who are registered with the carrier to sell insurance use these portals.

As a **Java Programmer** my responsibilities included:

Design and Normalization of Oracle Tables.

Design and development of **various Java classes** for the calculator that fit into the existing Commerce Rating framework in the **Channelpoint class architecture.**

Built calculation logic in core **Java** which was in excel sheet.

Used **JDBC** interfaces to access data base.

Testing and debugging.

Skills : Netscape Enterprise Server 3.6.3, **Web Logic**, Oracle 8.1.7, **JDK 1.2**, **JSP** 1.1,

**\*\*\*\*Feb 02 – Feb 04 Was involved in some projects besides Java. Projects listed below.\*\*\***

**State Farm Insurance Oct 2003 – Sept 2004**

**Coordinator-onsite**

Application: Passport

Type Development and Enhancement

The project is Asset management for State Farm equipment & Utilities. The application is called Passport. More than 2000 users use this application in 28 regions.

Projects:

Deactivation and reactivation of locations.

State Farm opens and closes many agents’ office daily. Typically, Business partners had to spend up to 60 hrs a month to manually update Passport application for closing units.

On the other hand, closed office numbers were reused for new offices. This too was manually done (40 hrs a month). The main aim of the project was to eliminate the manual effort and cost involved in the closing and reactivation process. The goal was to update cost & account information as also utility movements for both deactivation and reactivation via a scheduled batch job, thus eliminating the manual effort.

Responsibilities:

 Gathered requirements from Business partner & translated these into Software needs. (VOC to CTQ)

 Analyzed database for identification of DB2 tables involved.

 Prepared Analysis and Design documents.

 Used DB2 utilities, Fileaid/DB2, SPUFI, and QMF to create and populate tables in the test system.

 Modified and created COBOL DB2 programs for the new automated process. The programs involved complex DB2 queries using joins and inner joins. Used DCLGEN, accessed multiple interface using "connect to" and Used "save point" and "with hold" for cursor handling for keeping cursor open at commit or rollback.

 Created auto flow for the jobs/jobstreams and scheduled them on On-request chart to be run each time a deactivation/reactivation occurred.

Skills : VB,ASP, SQL server, DB2-COBOL-JCL-VSAM, TSO/ISPF

**GE Accounts Payable March 2002 – Oct 2003**

**Consultant and Onsite coordinator**

Application: GE Accounts Payable

Type Development and Enhancement

AP system has many interfaces and uses many techniques to obtain and transmit data. The inputs come in various formats- viz. Electronic Data Interchange (EDI), **Oracle/XML** etc. It has a web enabled interface called as E-pay. There are other interfaces to support the business like GSL, Rapid, and ACS.

Projects:

Supporting Global Supplier Listing (GSL) module:

GSL is the central repository for vendors, used by all the businesses of GE. A valid vendor for GE must be available in GSL. Business can come to this site to locate a vendor who does business with GE. If they find the vendor in GSL, they can add them to their individual business database. If not found in GSL, they will add the vendor, which will be added to GSL as well as to their database.

SSO enabling of GSL: In GE a numeric SSO id is used for identification of employee. The aim of this project was to get rid of separate id for GSL login. Any GE users should be able to use their SSO id to access GSL.

Responsibilities-

 Develop code using VB and ASP.

 Information Exchange using Simple Object Access Protocol (SOAP)

 Redesign the database to support the Single Sign On (SSO) functionality.

 Modify DLL and ASP pages.

 Unit and integration testing

 Documentation

 The application was also modified to accept 6 digit site ids instead of 3. This involved change in database, ASP pages and DLL.

 Ongoing support of application and enhancements.

Supporting ACS, IVIS and EPAY:

Responsibilities-

 Create new reports for Voucher update using VB, MS-SQL.Run Sync-up process for invoice and PO mismatch between ACS and E-pay using batch files and MSSQL.

 Modify all DLL’s of the application to eliminate direct SQL calls. All the SQL statements were included in the DLL’s instead.

 Convert Voucher Import module from Visual Basic to **Visual Basic-XML**. Used MSMQ extensively.

 Business logic changes, coding and testing.

 Client server production support.

 A project was executed to compare data in two regional database stored in DB2. DBA tools & utilities were used to unload, reload tables and transmit data to dev region and execute the program for comparison. Those are like Typical DBA jobs, RC Query, NMF etc.

MSMQ to MQ series conversion:

 The existing MSMQ was not able to handle the high number of invoices at the pick hours.

 The project was to replace all the MSMQ applications by MQ series. The VB programs and .dlls were modified for MQ series call. MQ client and servers were installed for MQ series on different servers. New Queue and rules were created for MQ series client and server.

Skills : Visual Basic, SOAP, ASP, MSMQ

**GE Aircraft Engines, Cincinnati, USA July 2000 – Oct 2000**

**Group leader. Programmer**

Application GE Aircraft Engines

Type Development and Enhancement

GE Aircraft engine is a leader in manufacturing Aircraft parts.

Support consisted of addition, maintenance and pricing of different parts

Project: Product structure and Pricing.

Responsibilities-

 Add business logic for new parts using VB, ASP

 Requirement Analysis, Designing, Coding, Testing & Documentation.

 Training new resources to make them familiar with various nuances of the application.

 Client communication through email and teleconferencing

Skills: VB, ASP, SQL

**ATL PVT LTD. May 1999 to June 2000**

**Programmer**

Application Airline Reservation System

Type Development

Project:

Develop a package to create a reservation system for a domestic airline.

Front end had the facility for the user to choose the seats available and do the booking. It was a 3 tier application with business logic stored in COM components which was hosted in MTS.

Responsibilities- Requirement Analysis, coding and testing

Skills :VB, MSSQL, MTS

**Construction, Muscat; Oman, Mitsui Construction, CTC; Delhi Sept 1994 to April 1999**

**Planning engineer & Programmer**

Project Mix Design (for construction Industry)

Type Development

Project:

Control Mix design: Product was developed to maintain quality of concrete at site where the parameters are different from lab. To maintain the strength of concrete, developed a software which enabled us feed the present parameter at the site like grade of sand, Percentage of moisture, temperature etc. to get the correct design mix. It was a huge success for the company and the tool availability enabled them to get more projects.

 As a Planning Eng & Quality Eng my responsibility was:

 Requirement Analysis & Estimation for new Projects.

 Designing, Planning, coding and testing

 Metrics generation

 Providing and implementing construction plans for projects

 Doing cost analysis for the projects

 Coordinating with the design and architectural consultants.

 Dealing with all quality related issues.

Skills : Primavara, MS Project, MS Excel, Power Point

Education:

 Bachelor’s degree (B. Tech) from Regional Engineering College (REC), Kurukshetra, India.

 Higher Secondary Certificate (HSC) - XII Grade West Bengal Board WBHSE (India).

 Senior Secondary Certificate (SSC) - X Grade, West Bengal Board WBSE (India).