Jaspreet Singh

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Summary

* Self-driven, dependable Java/J2EE developer and leader with 10.5 years of rich experience dedicated to deliver innovative and integrated business solutions
* Experienced in all facets of the software development life cycle, from requirement analysis,

architecture, design, code, test and post-implementation revisions

* Articulate and professional business communication skills, including project presentations and technical documentations
* Experienced in all facets of external project management from requirement gathering,

discussion with business consultants to delivering presentations to clients.

Skills

#### Technologies: **Java, Spring framework, Spring boot, Web Services (SOAP-RESTful), Hibernate, JSON, XML, XSD, JBehave, Gemfire, Mockito, Jacoco, PIT**

Build tools: **Maven 2**

###### Databases: Postgres, NoSQL (MongoDB), DB2, Oracle

###### Servers: TC Server, IBM WebSphere, Tomcat

IDE: **IBM RAD, Eclipse, STS**

Versioning system: **SVN, GIT**

Development methodology: **Agile with Behavior Driven Development(BDD), Waterfall**

Recognitions:

* High performer award from StateFarm in 2016 for consistent defect free delivery using Behavior Driven Development methodology
* Star award from Sears for design and implementation of templatized solution to generate legal rules in 2014, reducing manual effort and providing interactive system to legal team
* Excellence award from CIGNA and Syntel Inc for excellent performance and commitment in project DReAM in 2011-2012
* Spot award winner for designing and developing MQ based reusable solution on Spring framework for project GCCP in 2010
* Spot award winner for successful completion of PoC with Ameriprise and developing Fixed-width functionality for the project in 2009
* Spot award winner for successful completion of Proof of Concept (PoC) with Bank of America in 2007
* Awarded by DC(development centre) head for organizing DC level team building activities involving more than 400 employees

Education

B.Tech in Computer Science from DAVIET, Punjab Technical University, India (July‘02- June’06)

Work Experience

**State Farm Mutual Insurance** June’15 – Till date

400 E Rio Salado Pkwy, Tempe, AZ 85281

State Farm is a group of insurance and financial services companies. The main business is State Farm Mutual Automobile Insurance Company, a mutual insurance firm that also owns the other State Farm companies. The corporate headquarters are in Bloomington, Illinois. State Farm is ranked 44th in the 2013 Fortune 500, which lists American companies by revenue.

Projects Undertaken:

**Project Description – CustomerIdentityManagement Framework**

CIM framework acts as a central processing system that supports most of the applications on Statefarm.com for any needs to authenticate a customer. The supported credentials as of now includes PBQA(Public Based Question Answers), Verification code and Pin with PhoneAuthentication. The framework provides easy to consume interface for consumers and is designed to plugin new credentials with the minimal development effort.

Technologies Used: Spring framework, Spring Boot using Java config, SOAP, REST Web Services, Gemfire, Postgres DB, Mockito, IBM ODM rules engine, TC Server, JBehave-Selenium, Cloud

Role: Senior Java Developer

Contributions:

1. Designing new webservices and modifying design for existing system, coding, Junit using Mockito and writing integration tests
2. Assisting automation tests team writing Gherkin stories for Behaviour Driven Development
3. Developing SOAP and RESTFul services from scratch as well as updating existing functionality
4. Migrating existing webservices to Spring boot framework
5. Daily code review with the team to ensure optimal code delivery with 100% class coverage, 95% methods coverage using Jacoco, 95% mutation coverage using PIT
6. Developed a REST service utility to generate test customers based on given criteria, locks for specified time and releases for reuse in Integration or manual tests
7. Creating service versions and contracts in service registry (IBM WSRR)
8. Leveraging Jenkins for Continuous Build and Integration, and deployment to StateFarm internal Cloud system allocating VMs and security credentials at runtime
9. Represent the team in inter-team discussions for overlapping stories or technical knowledge sharing sessions
10. Represent team for external technical review sessions or discussions
11. Participate in Agile processes for story grooming, sprint planning, review and retro
12. Mentoring Interns, new team members with StateFarm processes, business knowledge and technical walkthrough

**Sears Holdings Corporation** May’13 – June’15

3333 Beverly Road Hoffman estates, IL 60005 USA

Sears Holdings Corporation is an American multinational holding company that owns Sears and Kmart. It operates 4,000 retail locations under the mastheads of Sears, Kmart, and their subsidiaries. Since 2013, the company is the 13th largest retailer by annual revenue in the United States.

Projects Undertaken:

**Project Description – AwesomeTool**

AwesomeTool(AT) is an interactive tool to create, preview and launch contests and sweepstakes powered by ShopYourWay. 27000+ promotions have been created till now using AwesomeTool, which resulted into $3+ Billion revenues from sweeps players.

Technologies Used: J2EE, Spring framework, SOAP, REST Web Services, Mongo DB, JQuery

Role: Senior Java Developer

Contributions:

1) Designed and developed template based automated legal rules utility to customize legal rules on the fly with minimal manual effort

2) Migrated data source from MySQL to Mongo DB which reduced frequent schema changes to DB tables

3) Implemented audit functionality to capture user actions during promotion creation flow

4) Developed Reporting capability to provide basic statistics for analytics/business team

5) Assist team members, end users and QA team understanding new requirements and enhancements

6) Develop standalone utilities and automated solutions for business, reducing support team efforts

7) Representing team to external systems and business teams for technical discussions

**Syntel Inc** Nov’11 – May’13

525 E Big Beaver Road Suite 300 Troy, MI 48083 USA

Syntel (NASDAQ: SYNT) is a leading global provider of integrated information technology and Knowledge Process Outsourcing (KPO) solutions spanning the entire lifecycle of business and information systems and processes.

Projects Undertaken:

**Project Description – DReAM**

**Client: CIGNA Healthcare**

Dependable Rewards Account Management (DReAM) is a java-based system comprising multiple applications, which enables CIGNA Incentives division to configure and process healthcare Incentives for Corporate customers. DReAM modules include:

* Flex based UI application for Incentive configurations
* MQ based backend module to process incentive goals
* Web Services to expose DReAM data to downstream applications

Technologies Used: J2EE, Spring framework, Web Services, IBM MQ, Hibernate, Flex

Role: Team Lead

Contribution:

**Developer**

* Designing and developing web services for the project
* Making and maintaining all configurations for IBM MQ queues
* Developing technical proof of concepts for new requirements

**Module Lead**

* Participating in agile backlog meetings to finalize technical user stories
* Working with designer to finalize the application design, sequence diagrams and process flow
* Mapping business requirements to easy to understand technical documents like data mapping documents, data flow diagram
* Assisting module developers with technical issues

**Infosys Limited** Sept’06 – Nov’11

6100 Tennyson Pkwy Plano, TX 75024, USA

Infosys Limited (NASDAQ: INFY) is a global technology services company providing business solutions for 2000 companies. It has 65 offices and 63 development centers across globe.

Projects Undertaken:

**Project Description – GCCP**

**Client: American Express**

Global Corporate Client Profile (GCCP) is a global back end database component being developed for American Express (AMEX) that comprises of data services which enables real-time, near real-time and batch reads and updates onto GCCP Database. GCCP exposes reusable real-time and batch methods for integration with upstream and downstream systems. Domains of GCCP include:

* Client Hierarchy
* Control/Card accounts
* Card Limits
* Membership Rewards

Technologies Used: J2EE, Spring framework, Web Services, MQ

Role: Java Developer and Team lead

Contribution:

**Onsite Tech Lead**

* Preparing, reviewing and maintaining all technical documents as per AMEX standards
* Mapping business requirements to easy to understand technical documents like data mapping documents, data flow diagram
* Developing technical proof of concepts for new requirements
* Leading offshore team to ensure quality deliverables within timelines
* Coordinating with support teams for tasks like environment setup, test data preparation etc

**Onsite Technical Business System Analyst** to accomplish following tasks

* Representing project in business discussions during requirement analysis
* Clarifying queries from upstream/downstream system teams

**Technical Anchor** to accomplish following tasks

* Providing technical sessions to ensure the team is up to date with technical knowledge
* Preparing technical documents and keeping them updated as per AMEX standards
* Representing team in technical discussion forums

**Designed and developed independent reusable modules**:

Developed Web services and MQ based services that interact with other AMEX

applications to setup and maintain Corporate cards profiles.

**Project Description – iDMS**

iDMS (Infosys Data Masking Solution) is a tool that enables creation of realistic data in non-productive environments without the risk of exposing original sensitive information to unauthorized users. Unlike encrypted data, masked information maintains its usability for activities like software development and testing.

Technologies Used: Java, Swings, JSF, Oracle, UDB, SQL Server, Sybase, Teradata.

Role/Contribution: Software Engineer

* Designed and developed all interface screens for iDMS in swings
* Designed and developed five modules for iDMS that includes
  1. Delimited text file support
  2. Custom Relationship: Defining referential integrity at runtime
  3. Custom rule: provision for user to create masking rules on the fly
  4. Support for EBCDIC encoded fixed width files for mainframes
* Developed adapters to enable cross-format support, E.g.: text to DB or DB to EBCDIC that enhanced usability of iDMS along with enabling its data migration capability
* Designed and developed complete support for Teradata Database, increasing usability of tool

**Project Description – iPWMS**

iPWMS (Infosys Private Wealth Management Solution) – New account opening solution helps Consumer Banks, Private Banks and Brokerages to open accounts centrally across multiple products types. The Solution is developed in Service Oriented framework to ensure high flexibility and scalable architecture. The UI was designed with TIBCO GI3.0 and Struts.

Technologies Used: Java, Struts, Web Services, TIBCO-GI 3.3

Role/Contribution: Software Engineer

* Performed defect prevention activities for Struts based UI for the existing version and created screens in TIBCO GI for PoC (Proof of Concept) of next version
* Created Web Services and mapping them with screen elements in TIBCOGI
* Requirement analysis for the next phase of the project that involved discussion sessions with US based consultants and business analysts.
* Prepared case studies involving current scenarios in account opening solutions available in the US based banking market