

## SRIDHAR KUMARESAN

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Experienced Java and front end web developer with 8 years in designing and developing innovative solutions for major retail and ecommerce clients in the US and UK. Exceptional record of overseeing all facets of Software Development Life Cycle, from requirement analysis, design to implementation, maintenance and production support.

### PROFILE

- **Java and Web Developer** with 8 years of experience in Information Technology Industry in the field of retail, insurance, and logistics domain.
- Extensive experience in Distributed Applications, Web Based Applications, Enterprise application and Products using Web logic 9.2, Web sphere 6.1 application servers, Tomcat 8.0 Web server, UNIX, Window-XP/7/8 machines with Oracle 10g, SQL Server 2008 databases.
- Expertise in **Object Oriented Methodologies (OOAD), Java2, J2EE Design Patterns, Data Modeling and UML** based system design.
- Experience working in **front end technologies** including **CSS, UI, JQuery, XHTML, JavaScript, AJAX, JSON, XML, XSLT, HTML5, CSS3, JQUERYUI**. Upholding accessible and compliant, cross browser compatible front end code to W3C standards.
- Proven skills in the end-to-end development of software applications/products (SDLC) from requirement analysis to system study, designing, development, testing, implementation and functional specification preparation.
- Responsible for key design and Architectural Decisions in the Next Generation project, based on a highly-scalable, service-oriented, **J2EE, MVC framework, using Java, Spring Framework, PL/SQL, Hibernate**.
- Expertise in open source frameworks like **Struts 2.0, Spring 2.5, Hibernate 3.0, JAXB, Spring LDAP, JUNIT, Net Beans/Eclipse**
- Experience working on messaging oriented middleware like **MQ Series with JMS APIs**.
- Expertise in Normalized Database Design and writing Sub Queries, Stored Procedures, SSIS, SSRS, Triggers, Cursors, Functions and performed data analysis using SQL Server Oracle,.
- Strong experience in various software lifecycle such as RAD, AGILE, Iterative model.
- Strong understanding of **Data warehouse concepts, ETL**, data modeling experience using Normalization, Business Process Analysis, Reengineering, Dimensional Data modeling, FACT& dimensions tables, physical & logical data modeling.

### KEY SKILLS

Languages	: Java, J2EE, XML, HTML, Java Script, Ajax, JMS, SOAP
Frameworks	: Struts, Hibernate, JSF, MVC, JUnit, J2EE Design Patterns, Mockito
J2EE	: Servlet 2.3/2.4, JDBC 2.0, JSP 1.2/2.0, JNDI, Struts, JSF, JMS 1.1.
Web Design Tools	: XML, HTML, CSS, DHTML, JavaScript, SOAP 1.2, Photoshop, Flash, Google Web Toolkit (GWT), JQuery, CSS3, HTML5, JQuery
Databases	: Oracle 8i/9i/10g, Sql Server 2008, DB2
Web Servers	: IBM Web Sphere Application Server 4.0/5.x/6.x, Apache Tomcat 3.3, JBOSS, Web logic
IDE	: Eclipse, Net Beans, WSAD, Web logic Editor, Rational Software Architect, Spring tool suit.
OS	: Windows NT/2000/XP/7/8, UNIX.
Version Control Tool	: Clear Case, CVS, SVN
Data Migration Tool	: Cransoft

### WORK EXPERIENCE

**ORGANIZATION:** Infosys Limited

**DESIGNATION:** Technology Lead

**DURATION:** October 2005 – Till Date

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**Technology Lead: Nike Inc., Beaverton, Oregon, USA**

**Apr 2013 – present**

#### Project Description:

- 1) **Data Migration** – Library Project: Worked as part of Library team, on Migration module. The objective of the project is to migrate all Nike related media files from various applications within Nike to Library application.

Library is a centralized product image repository for all Nike related images. The migration program played a very important role in migrating the Nike Footwear, Apparel and Equipment images into the Library system.

- 2) **Library** – Worked as part of production support developer to maintain and develop various modules within the Library application.

**Technologies Used:** Spring Integration, J2ee, Web services, Oracle, Toad, HTML5, CSS3, JQUERY, JQUERY UI, Ajax, Maven, Mockito, Bouncy Castle.

#### **Roles and Responsibilities:**

- Requirements gathering and Business Analysis and analyzed the functional specification provided by the data architect and created technical specification documents for all the mappings. Reviewed source systems and proposed data acquisition strategy.
- Designed and developed ETL strategies and Mappings from source systems to target systems. ETL strategies were designed to cater initial and incremental load.
- Provided Knowledge Transfer to the end users and created extensive documentation on the design, development, implementation, daily loads and process flow of the mappings.
- Used shell scripts for automating the execution of maps. Designed and developed Oracle PL/SQL scripts for Data Import/Export.
- Successfully managed Extraction, Transformation and Loading (ETL) process by pulling large volume of data from various data sources.
- Tested to optimize the Stored Procedures and Triggers to be used in production. Created Database Objects Tables, User defined functions, Cursors, Triggers, Stored Procedure, Constraints.
- Extensively used TOAD for generating SQL, PL/SQL stored procedures, Packages, Triggers, Clusters, Synonyms, Indexes, Views, Materialized Views, table Partitions, dblink (almost all the Database Objects). Used Toad for Unit testing before transferring data from OLTP to data warehouse, data is transformed at the staging area.
- Performed Performance Tuning of sources, targets, mappings and sessions.
- Created various UNIX Shell Scripts for scheduling various data cleansing scripts and loading process. Maintained the batch processes using Unix Shell Scripts.
- Managed Change control implementation and coordinating daily, monthly releases and reruns. Created and maintained several custom reports for the client using Business Objects and generated reports

**Technology Lead:** **The Body Shop, London, UK**

**Jan 2012 – Mar 2013**

#### **Project Description:**

ECOM Site – Big Brand Bang: The Body Shop desired to enhance their websites, in line with a major re branding of the company that involves changing the look and feel of its retail store as well as the overall brand messaging. This project is called BBB(Big Brand Bang). As a part of BBB, we have redesigned the 4 most visited pages, Homepage, Category page, Sub Category page and Product Page.

**Technologies Used:** HTML, CSS (LESS and Sass), JavaScript (vanilla, JQuery, OOP), XML/XSLT/XPath, SEO, CMS integration, web standards and accessibility, cross-browser compatibility, mobile web design, Adobe Dream weaver, Fire bug, Photo shop/Fireworks

#### **Roles and Responsibilities**

- Played a key part in refactoring the whole site CSS. This included removing unused classes creating re-usable CSS framework and overall optimizing of style sheets
- Single handily compiled a Design Style Guide for all the body shop website, including W3C guidelines from good coding practices to colors and fonts, converting our HTML to valid, standards-compliant mark-up;
- Redesigned and re skinned The Body Shop website which includes home screen, product pages, category, sub category, cart, and Social media.
- Created wire frame using Photo shop and implemented high-fidelity wire frame with complex behavior.
- Included designs that ensure website looks and behaves the same on all browsers IE, Firefox, Chrome or Safari and across all pc and modern smart phones.
- Maintaining and implementing the code for 4 different regions France, Germany, UK and US.
- Successfully lead a small team of 4 front-end developers;
- Increased site performance by reducing and compressing (gzip compression) all CSS and JavaScript and serving static content from cookie-less domains.
- Designed and build branded and custom applications to make social media links do likes, reward customers, run competitions, share downloads and so much more

**Technology Analyst:** **Kraft Foods UK Ltd, Cheltenham, UK**

**Jan 2011 – Dec 2011**

#### **Project Description:**

**Record to Report (RTR):** This is a Data Migration project to help Kraft foods to migrate the data from Cadbury Legacy database. The module assigned to me is the one of the Critical component, since it deals with the Account and General Ledger information. The migration has been done successfully with the help of a third party tool named, Cransoft. The Legacy data should be processed within Cransoft and the load file will be generated, which will then be loaded to Kraft's SAP

**Environment/Technologies Used:** Cransoft, SQL Server, DTS Packages, XML, SSIS, SSRS, Crystal Reports

**Roles and Responsibilities:**

- Requirement Analysis, Design, Coding, Review, Testing, Client Interaction.
- Involved in data migration of Cadbury Legacy Data for UK and EU countries to Kraft Foods Ltd, UK. Designed the DTS packages in SQL Server to migrate the legacy data from Cadbury based on the rules provided.
- Have designed and developed very complex SQL queries to implement the migration conditions.
- Since the module I worked on involved the main financial data, the accuracy of the migrated data is highly critical. Gained expert knowledge on the most important items like General Ledger and GR/IR clearing account and developed very complex triggers and procedures.
- Interacted with Business analyst, SAP developers, Clarify (Customer service team) developers and SAP Functional consultants to identify the business requirements and data realities.
- Worked with Functional consultant and SAP developers to design the function modules for extract the data from SAP R3 systems.
- Created Complex mappings using Unconnected Lookup, and Aggregate and Router transformations for populating target table in efficient manner.
- Created Mapplet for history management dates, ETL Process status and mapping for error handling sessions.
- Participated in Data modelling meetings, helped to identify the relationship between tables according to the requirements.
- Prepared ETL design document which consists of the database structure, change data capture, Error handling, restart and refresh strategies.
- Worked with DBA's to design and build the Staging/Target databases and Assisted business users for data cleansing and user acceptance testing
- The whole data migration activity was performed with the help of a tool named Cransoft, which drives the SQL server queries and procedures and populates the data to Kraft system.
- With high data volume of about 5million from various system, with mapping design and transformation logic Developed functions and stored procedures to aid complex mappings.
- I have lead a team of 10 members based out of India and most of the work was shared with offshore team through telecommunication and emails, which was very challenging and I have given my best output.

**Technology Analyst: Sears Holdings Corp, IL, USA**

**May 2010 – Dec 2010**

**Technologies Used:** Oracle, Java, HTML, Javascript, Ajax, XML, SOAP, Bugzilla, Toad, Eclipse

**Project Description:**

**Ecom Post Order:** This project is to deal with the post orders, the main module of the Ecom business. This is a crucial area as this involves real time back end process, trouble-shooting the non-delivered orders and to re-deliver. E-Com is considered as one of the most revenue generating units in Retail industry, and in Sears, we had weekly code releases for this project

**Roles and Responsibilities:**

- Requirement Analysis, Design, Coding, Review, Testing, Documentation, Client Interaction. My responsibilities are to resolve technical issues, develop the new enhancement for Post Order Module Maintain the Customer Care Web Application named KANA.
- Understand the issue thoroughly, try to provide a data fix if it is highly complex to provide immediate code fix and release the fix to production.
- Responsible for creating analysis document, provide estimation, develop web application using servlets and JDBC, design and create Oracle stored procedures, developed XML XSLT based transactions between Post Order module and KANA application.
- Designed and created many complex queries, to process millions of records, keeping performance in mind, which was really challenging.
- Reviewed code and deployed J2EE applications to web sphere application server.
- Prepared technical design, and deployment documents
- Integrated other sub systems through XML and XSL.
- Schedule regular meetings with the client and management team to understand their needs and provide project status, risks, issues, mitigation plan. Co-ordinate with the build team and provide project inputs for Integration Test builds and Production builds.

**Senior Software Engineer: Wal-Mart Stores Inc., Bentonville, IL, USA**

**Aug 2009 – Apr 2010**

**Project Description:**

CPRS: Worked on several modules of CPRS which is a Wal-Mart stores internal application, through which the associates can make their preference for their career within Wal-Mart. The application involved Data model (Entity Beans), Application model (Session beans) and Presentation Model.

**Technologies Used:** J2EE, DHTML, AJAX, JavaScript, MySQL, Servlets, JSPs, Java Beans, HTML, JavaScript

**Roles and Responsibilities:**

- Participated in Business Requirement sessions with Line of business to understand business requirements. Provided inputs on impacts, dependencies, risks, feasibility inputs for the requirements.
- Prepared Conceptual Document or Solution Architecture Document which includes Architecture changes, Software changes, Data flow diagram, Support information, infrastructure changes, Database changes, Integration changes, impact analysis. Also includes Feasibility study, Maintainability analysis and Operability study of requirements which need to be developed.
- Analysis, Design, Coding, Review, Testing, Client Interaction.
- Designed and developed a J2EE/EJB and Websphere based web application using struts framework.
- Managed a team of 8 – 10 developers offshore.
- Identified and fixed pre-existing concurrency issues and database related out of cursor issues.
- Prepared technical design, and deployment documents
- Used Crystal Reports for generating reports for Walmart higher Management and Business Users.

**Senior Software Engineer: Gap Direct Inc., Columbus, USA**

**Jun 2008 – Jul 2009**

**Project Description:**

Created a web based portal to test the performance of various application used in Gap, Time sheet management system and Trending Tool.

**Technologies Used:** Java, J2EE, XML, JAXB, POJO, XSLT, EJB, PL-SQL, J2EE design patterns, MVC Layers, Servlet, JSP, server, Web logic Portal, JavaScript.

**Roles and Responsibilities:**

- Understand requirements from the Project Lead to prepare design documents like High Level Design and Low Level Design document, based on requirements. Design documents were prepared using J2EE design patterns and UML use case, sequence, class diagrams.
- Designed Screens and the Data population process for the following applications RDM, Message11, JESIE, Labor Management System and created Messages through portal and submitting it to the MQueue
- Developed the following application:  
YANTRA Testing Suite – this application can generate XML to test Yantra application.  
Trending tool – Using which high level information of the testing can be obtained and also can be used to compare the results of testing.  
Time Sheet – A time tracking tool using which hours can be clocked against the tasks and can be submitted to the approver.

**Java Developer: Burlington Northern Santa Fe, Columbus, USA**

**Oct 2005 – Jun 2008**

**Technologies Used:** J2EE, DHTML, JavaScript, MySql, CICS, DB2, Servlets, JSP, XML, HTML, JavaScript, IBM Webpsphere, MQ Series, IBM Workflow

**Project Description**

BSNF out Bound Call Management System is used to call customers and remind them about payments. This project aims at making further improvements to the existing system like time zone based call scheduling, manpower planning system, tracking systems and E-billing.

**Roles and Responsibilities:**

- Designed and developed various modules like Out Bound Call Management System, Vacation Scheduler for TCU and Use cases, for employee qualification under Employee Self Service application, Migrating IMS transactions from WSAD to RSA: D24, PAS, Main Frame E-billing and designed Class Diagrams using UML and Rational Rose. Developed business logic and added new functionalities using Servlets and JDBC.

**EDUCATION AND CERTIFICATION**

Masters in Software Engineering, Bharathiar University, India

Infosys Quality Foundation Certification

Infosys PR 101 J2EE Foundation Certification

RETL Basics of CPG Retailing

RETL Store Management Module

JEE TA TR 201