

<i>Lakshminarayanan Sankaran</i>	<i>Mobile:7010560790</i> <i>Email: laksh32@gmail.com</i>
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Summary

- Possessing 13 years of experience in the IT industry in using Java/Spring/SpringBoot/Angular/REST/Microservices based application development
- Expertise in architecture of REST & microservices based application ,IN-MEMORY applications and Queue based messaging applications
- Adept in end-to-end development of software products from requirement analysis , system study , designing, coding , debugging, documentation and implementation and maintenance implementation
- Strong hands-on in Migration projects , conversion projects and rewrite of legacy & monolithic applications
- Practitioner of Agile & Waterfall models of software development and maintenance
- Having good domain knowledge of the Banking and Financial services industry
- Excellent communication ,interpersonal , cross cultural and negotiation skills
- Well versed with Project management & people management and motivational techniques to succeed as a team . Handled a team of 20 people.
- Good at estimation techniques in both fixed bid and Time & Material versions.

Work Experience

- Working as Specialist – Application Development / Project Manager (Vice-President) in The Bank of New York Mellon from July 2012 till date
- Working as Senior Software Engineer in Cambridge solutions from Apr 2011 till July 2012
- Worked as Systems Analyst in iGATE Global solutions from Dec 2009 till March 2011
- Worked as Programmer Analyst in Cognizant Technology Solutions India Pvt Ltd from Feb 2006 to Dec 2009

Technical Skills

Frameworks	Java, Angular, Spring ,SpringBoot, REST microservices
Java Technologies	Java, J2EE(JSP,Servlets,JSF , Struts)
MQ Framework	IBM MQ Series, MQ Appliance, ActiveMQ, KAFKA
Scripting Languages	Unix Shell scripting ,Python

Testing Frameworks	Junit, Mockito , Fitnesse
Database	Oracle ,Sybase, DB2, informix, MongoDB
Build Tool	Ant , Maven ,Docker ,Jenkins ,Hudson, Ansible
Version Control	Rational Clearcase, CVS, Subversion,GIT
ORM Frameworks	Hibernate, iBATIS , JPA
Servers	Tomcat ,Weblogic, Websphere Application Server
IDE and tools Web and App Server	Intellij, RAD, NetBeans, SOAP UI, Server Studio,DB2 control center,DB Visualizer
Service oriented Arch	REST microservices, Apache CXF and service mix

Certifications

- Sun Certified Java Programmer certification with 95 %
- Sun Certified Web component Developer certification with 100 %
- IBM DB2 UDB V8.1 Family fundamentals certification with 100 %

Education

- B.E from Anna University in Electronics and Comm. with 73% (2005)
- HSC from TN State Board with 86% (2001)
- **SSC from CBSE with 82%.(1999)**

Company – BNYMellon Technology

Banking platform for Broker Dealers (July 2012 – till date)

Role: Technical Project Manager / Specialist -Applications

Technologies used: REST services using microservice architecture, Angular, Spring, IBM MQ, Active MQ and Custom frameworks

Designations held : Technical Lead , Project Lead , Specialist Application Development(including Project Management and Business Analysis)

Project Details:

COLLATERAL MANAGEMENT API

Role: Technical Project Manager (responsibility : architect , lead and delivery)

Skills: Spring, SpringBoot, REST microservices, Angular , Docker

Application provides complete intraday portfolio of dealer. API used by clients for UI

TRIPARTY INTRADAY LIQUIDITY API

Role: Technical Project Manager (responsibility : architect , lead and delivery)

Skills: Spring, REST microservices, Shellscripts , angular, tomcat

Application provides complete liquidity portfolio of dealer. API used by clients for UI

ENTERPRISE PORTFOLIO OPTIMIZATION API (GLOBAL MARKETS)

Role: Technical Project Manager (responsibility : architect , lead and delivery)

Skills: Spring, SpringBoot, REST microservices, angular , tomcat ,MQ

IN MEMORY Application optimizes dealers portfolio based on the dealers' eligibility rules

STANDARD & POORS RATING PROCESSOR APPLICATION

Role: Specialist – Application Development (responsibility : architect , lead and delivery)

Skills: Java, Spring, , REST services,

A new type of in-memory based file feed processing application for securities using map-reduction techniques which was suggested for a patent.

GENERIC MIGRATION PROJECTS

Role: Technical Project Manager (responsibility : architect , lead and delivery)

Skills: Java, Spring, , REST services,

Worked on Sybase 16 migration , Solaris to Linux migration , Weblogic to tomcat migration and several other infrastructure migration and hibernate elimination .

Company – Cambridge Solutions (aka) Xchanging Technology Services

Client – Liberty Inc

Compensation Claims Application (Apr 2011 till July 2012)

Was involved in the enhancement/maintenance of a number of web applications relating to inquiry , claim verification, workers compensation and payments.

Team size : 4

Role : Systems Analyst / Senior Developer

Technologies used – Spring MVC, Spring core(DI ,AOP), Struts, JSF, Web Services, Hibernate

Company – iGATE Global Solutions

Client – TNT N.V

CS-SECH/CS-FL Portal (Struts2Spring -P I/P II) (Dec 2009 – March 2011)

The applications were used by collection centers to create bookings and service exceptions created in bookings. The view was to show several relevant sets of data required by the user while creating a booking and hence portals were used. Initially, the application uses wiring concepts extensively to transfer data between different portlets , both same page and cross page. The UI layer makes use of web services to communicate to the process and service layers. Started with IBM portlet standards and gradually changed to JSR 168 standards. The first phase used IBM struts portal framework to develop the application. The second phase was to migrate the Struts 1.2 to a custom framework based on a combination of SPRING MVC, SPRING PORTLET MVC and STRUTS and to add new functionalities using Spring Core and Spring MVC.

Team size : 4

Role : Systems Analyst / Lead / Senior Developer

Technologies used – Spring MVC, Spring core(DI ,AOP), Struts, portlets, JSF, Web Services, Hibernate

**Company – Cognizant Technology Solutions
Corporate Workstation (Dec 2008 – Dec 2009)**

Developed a set of web/portlet applications(J2EE - Struts/JSF/Spring MVC/Spring Core/Hibernate/Web Services/portal based) for incentives management as part of client's Incentives Management system. Worked on a portlet module to generate PDF reports (using FOP/iTEXT) and displayed the reports onto various portlets based on user permissions and role based access and enhanced the existing portlet applications. Played a key role in the entire SDLC from analysis of SAD and CRD till the release of the application. Identified the key performance issues, both at the database level(SPs/Queries) and at the application level , with the existing code and fine tuned the application for optimum performance. Worked on a POC for accessing secure AXIS services protected by X509 security standards (using RAMPART module) apart from JAX-RPC services to fetch a set of data which would be displayed in this application. Worked on a new feature of the application which provided data (XML feeds) in formats defined by third party XSDs to external applications. This feature also provided capabilities to FTP the generated files to the third party FTP servers. Worked on a new feature of the application to transform incoming XML data from external vendors to application specific formats using XSL/XSLT transformation methods and displayed it on appropriate portlets. Developed a component(along with SHELL SCRIPTS and batches) to trigger mails to external systems and business users of the application. Migrated a couple of legacy applications from conventional J2EE (servlet/JSP) to JSF/Hibernate based applications. Migrated all applications from J2EE 1.3 to J2EE 1.4 and WAS 6.1 compliance. Created a separate logging module based on LOG4J to view the logging done by all the umbrella applications.

Technologies and tools used: J2EE (Struts 1.2, Spring Core, Spring MVC/JSF/ Hibernate/Web services (JAX RPC and Axis/Rampart) ,XML,XSL /XSLT, log4j, X509 security) , portal and portlets, SOAP UI, TCP/IP monitor, Hummingbird Exceed, Server studio, Informix 9.0/10.0 , DB2 UDB, WAS 6.0/6.1 , WPS 5.1

Team size : 15

Role : Developer/Lead

Terms and Conditions Services development(Aug 2008 – Dec 2008)

The project involved the creation of a set of web services to provide data from a content management system to a set of web applications. Data from the service had to be encrypted using a custom(client specific) encryption method with a specific key purposely created for the this service. Worked on a sample client module/application to consume data from the service by decrypting the encrypted values obtained from the services. This module served as the base for all consumers of this service. We later modified the service to accept dynamic tags/data from the request , process the request , generate the response with the dynamic data embedded within it. Worked on an event management system was later added to record hits to the service and to record the credentials of the consumers for each request. Played a key role in the project

starting from design(HLD,LLD) , development of the service till delivery of the application.

Technologies and tools used: Web Services , JSF, Hibernate,SOAP UI

Team size : 5

Role : Developer/Lead

Plan Sponsor Portal Integration (September 2007 – Aug 2008)

The project involved the development of an integrated site where the user (external and internal) could view the details of their members. Six portlets would be displayed on the portal landing page and other portlets were provided as links from separate portal pages and were deployed into a portal server. Worked on enhancement of the employer portlet , tasks portlet, happenings portlet, updates portlet and quickview portlet and added whole new features to employer portlet. Partially migrated the employer portlet from vendor specific (IBM standards) to JSR 168 standards. Worked on all the portlet.java as well as the 4 supporting applications(web /webservice) providing data to this portal application .

A role base authentication was employed as the portlet was used by a vast number of users ranging from account directors to customer support executives. The backend to the portlet were four web services which handled the database and other custom service hits.The business user used this as a one stop shop to see all member information. Worked on core features of the portlet such as doing a employee number/SSN based search(used the webservice application mentioned above) , search for dependent information, update information , delete/add dependents and so on. Performed some migration of this portlet from IBM APIs to JSR168 compliant APIs. Worked on the core features such as like authenticating the user roles , network groups and using the user information such as ids and passcodes obtained through the single sign on , encoded , encrypted and to construct URLs so that users could be taken to the needed applications without the need to log in again .

Technologies and tools used: WPS 5.1 , JSR 168 Portlets, JSF portlets, Struts ,Web services, Hibernate,SOAP UI

Team size : 22

Role : Developer.

CAIR (Nov 2006 - Sep 2007)

Customer Account Information Repository (CAIR in Short) was a program aimed at merging the data between two different organizations which happened to merge into a single entity. Worked on 30 JAX RPC Web services to manipulate the data in any format the business user wanted. Developed a custom UI with 60 screens to consume all the services created. Implemented the core business logic in the helper classes of the corresponding web services. All services developed were non secure services.

Technologies used – Java Server Faces(JSF), Web Services,Hibernate

Team size : 18
Role : Developer.

AUP/NICE (Apr 2006 to Nov 2006)

AUP/NICE was a program aimed at automating the painstaking process of Underwriting insurance programs. The application would accept all the data pertaining to the likely to be insureds. The underwriting calculator would perform some calculations based on the business logic and would generate the reports in a PDF and send the data to underwriting managers who would decide on whether to issue the quote/policy.

Technologies used – Servlets(JSF), Java Server Faces
Team size : 10
Role : Developer.