**Sampath Kumar K.K.**

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Visa: Dependent visa valid until November 2017

**EXPERIENCE SUMMARY**

* Around 13 yrs. of IT experience in designing, developing web based and enterprise applications
* Extensive experience in developing web applications using **Java/J2EE, Servlets, JDBC, EJB 3, Spring frameworks, Web Services (JAX-WS, RESTful), JPA, JMS and PL/SQL (Oracle and SQL Server)**
* Experienced front end developer using **AngularJS 1.x, JQuery** and server side scripting language such as **Node JS**
* Experience on **Amazon Web Services** (S3, EC2, DynamoDB, Lambda, API Gateway) and AWS SDK
* Extensive experience in integration technologies such as SOA (developing using top down and bottom approach) and messaging technologies such as **JMS, Oracle AQ and IBM MQ**
* Strong XML experience using **XML, XSLT, XSD, JAX-WS, JAX-RS and JAXB**
* Good knowledge in Java and J2EE Design Patterns. Experience in domain object modelling of J2EE applications
* Good experience on **Enterprise Architecture (EA)** tool
* Strong experience working on SQL using tools like **SQL Developer, TOAD and Rapid SQL**
* Extensive experience with **WebLogic 12.1, WebSphere Application Server (7.0), Geronimo, and Tomcat 8**
* Extensive experience and actively involved in Requirement gathering, Analysis, Design, Reviews, Coding, Code Reviews and Static Code Analyzers, Code coverage tools such as **Clover**, Unit and Integration Testing
* Experienced on Business Process Management tools such as **OBPM 11g**
* Experienced on testing frameworks such as **JUnit 4.x, Mockito and Jasmine**
* Experience in IDE tools such as **Eclipse Mars, IntelliJ, and Oxygen XML**
* Extensive experience with Source Control (SCM) tools like **Clear case, Perforce, SVN, GitHub and BitBucket**
* Experience on DevOps, Continuous Integration tools such as **Jenkins, TeamCity, Bamboo and** build tools such as **Ant, Maven, SBT and Gradle**
* Experience in working with Agile methodologies such as **Scrum, Scaled Agile Framework (SAFe), Iterative & Waterfall**
* Quick learner, highly motivated team player with excellent organizational and analytical skills
* Experience working with **FitchRatings,** **Credit-Suisse, Wal-Mart/ASDA, RBS, Bank of America and AVIVA etc.**
* Experience spans in various domains such as **BFS, Insurance and Retail**

**TECHNICAL SKILLS**

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| **Hardware / Platforms** | | Windows 2007/10, Unix, Linux | | |
| **Technology** | | J2EE | | |
| **Programming Languages** | | Java 7/8, EJB 3, JDBC, JMS, PL/SQL, Scala, Go | | |
| **JPA** | | EclipseLink, Hibernate | | |
| **Frameworks** | | Spring (Core, Boot, MVC, Batch, JDBC, Test), Struts 2 | | |
| **Test Driven Development** | | JUnit 4.x, Mockito | | |
| **Continuous Integration** | | TeamCity, Bamboo, Jenkins | | |
| **Messaging Platform** | | IBM MQ, Oracle AQ | | |
| **Build** | | Ant, Maven, Gradle, SBT | | |
| **Development Tools** | | Eclipse, IntelliJ, JDeveloper, TOAD, Microsoft SQL Server Management Studio, SSIS | | |
| **Web Services** | | RESTful, SOAP, JAX-WS, JAX-RS | | |
| **Application Servers** | | WebLogic 12.1, WebSphere 7, Geronimo 2.1.7, Tomcat 8 | | |
| **Relational Databases** | | Oracle 12c/11g, SQL 2007, DB2, Informix | | |
| **Oracle Fusion Middleware** | | Oracle BPM 11g | | |
| **NoSQL Databases** | | Mongo, DynamoDB, Cassandra | | |
| **Scripting Languages** | | JavaScript, HTML5, JQuery, AngularJS 1.x, NodeJS | | |
| **Version Control Systems** | | SVN, GitHub, BitBucket, Perforce, ClearCase | | |
| **Cloud Platforms** | | AWS Services (S3, EC2, SQS, DynamoDB, Lambda), Google App Engine | | |

**PROFESSIONAL EXPERIENCE:-**

* FitchRatings – May 2016 to Till Date
* Cognizant Technology Solutions – July 2012 to April 2016
* Royal Bank of Scotland – Nov 2010 to June 2012
* Tata Consultancy Services – Jan 2005 to Oct 2010

**PROJECT EXPERIENCE:-**

**Project #8:**

**Technology : Java 8, Spring 4, REST, Micro Services, SOAP, Tomcat 8, Oracle 12c, HTML, JavaScript, AngularJS 1.x, HTML5, Node JS, AWS, Bamboo, BitBucket, SVN, Maven, Ant, MongoDB, DynamoDB** **and Selenium**

**Role : Technical Lead**

Duration : Apr ’16 – Till Date

Domain : Publishing, Fees

Company : FitchRatings

Methodology : Agile

**Role and Responsibilities:**

* Designing and developing features for both front and back end user stories
* Recent major implementations – Single sign on (SSO), Hitachi PAM (Privileged Access Manager) integration, new interface design, dashboard and new screens, reports, email service, application health check, and developed new features on both front and back end technologies
* Setting up the best practices for delivering clean testable code to production like REST API testing standards, REST API auto documentation (Swagger, Spring REST Doc)
* DevOps activities such as setting up projects on Bamboo, migrating the code to BitBucket, setting up the code quality tools like SonarQube and migrating the application build from Ant to Maven
* Proof of Concepts (PoC) for new design solutions or technology stack
* Migrating the applications to AWS environment
* Production support on rotation basis (every 6 weeks) and DR support
* Assessing the tools or technologies that can be used on project to improve delivery and reduce the potential issues
* Collaborating with SA (System Admins) and DBA to release the application changes to production

**Project #7:**

**Project : Global Securities Infrastructure (GSI)**

**Client : Credit-Suisse, UK**

**Environment : Java 7, EJB, JMS, OBPM 11g, REST, SOAP, WebLogic 10.3, Angular JS, Oracle 11g**

**Role : Senior Developer / Solution Architect**

Duration : Oct ’13 – Apr ‘16

Project Description:

**GSI** (Global Securities Infrastructure) is an initiative to build a global entity-agnostic, scalable Securities Operations platform. GSI is a front to back solution consists of many components designed based on the specific business and technical functionalities. Most of the components are developed using Java or J2EE technologies. Some of the components are developed in platforms such as Oracle BPM 11g, Informatica etc. The GSI program has adopted the Scaled Agile Framework (i.e. SAFe Agile) for development.

The main purpose of the project is to develop a global system which will replace existing legacy systems and can be scalable to support the growing business needs. Also, the application should be flexible to change for varying business needs.

**Role and Responsibilities:**

* Understanding functional use cases from business analyst / engineers
* Deconstruct the functional use cases into features in PSI (Potentially Shippable Increment) perspective
* Create technical design for the functional use cases
* Collaborate with data modeler to design the logical and physical data models
* Provide overview of the technical design document to other scrum teams
* Develop the functionalities and support the developers if needed
* Develop any required proof-of-concept during the technical design process
* Review the code and ensure that it meets the acceptance criteria of the user story and definition of done
* Support front to back (F2B), UAT and PTA testing
* Create runbook for production deployment
* Provide post production support during minimum guarantee period

**Project #6:**

**Project : Global Online Fulfillment (GOLF)**

**Client : Wal-Mart, US and ASDA, UK**

**Environment : Java, Spring 3.2, REST, Geronimo 2.1.7, Informix, CueMe, HTML, JavaScript**

**Role : Senior Developer**

Duration : Aug ’12 – Sep ‘13

Domain : Retail

Project Profile:

**GOLF** project is part of Multi-Channel Initiative (MCI) by Wal-Mart Innovation team which aims to develop an application that would allow Wal-Mart store associate to perform picking and staging of items ordered through different channel like Walmart.com, PUT, SFS, ASDA, or Store backroom replenishment. Currently, Wal-Mart stores have different kind of Picking and Staging (P&S) solutions in different country such as US, UK and Japan to fulfill items for customers ordered through different sources. The GOLF application runs on desktop (CueMe browser) and handheld device.

The project purpose is to develop a global system which will replace existing picking and staging systems (P&S) for different markets and regions.

**Role and Responsibilities:**

* User story planning for the future sprint
* User story discussion with BA’s for the current sprint
* User story estimation and build date planning
* Created approach and design document for features
* Created sequence diagram using MS Visio
* User story development, JUnit testing, code merge and delivery
* Provided QA support and fixed the defects

**Project #5:**

**Project : Group Reference Data Management (GRDM)**

**Client : Royal Bank of Scotland, Chennai**

**Environment : Java, JSP, Struts, WebSphere, DB2, COBOL, CICS**

**Role : Technical / Development Lead**

Duration : Nov ’10 – Jul ’12

Domain : Risk Management Platform

**Roles and Responsibilities:**

* Requirement gathering from onsite SMEs
* Provided estimates for design, development, testing and QA support
* Created HLD, Application Design and Component Design documents
* Coded, created test plans and build scripts
* Packaged the application to deploy it in the test environments
* Coordinated the tasks between development and SIT team at Offshore
* Peer review (component design, code, unit test results and SIT plan)
* Defect fixing and root cause analysis for QA defects
* Prepared implementation plan and provided support during implementation

**Project #4:**

**Project : ISD (International System Development)**

**Client : Bank of America, Croydon, UK**

**Environment : Java, JSP, Spring MVC, Hibernate, DB2, COBOL, IMS DB and JCL**

**Role : Technical / Development Lead**

Duration : Jul ’06 – Jun ‘08; Feb ’09 – Nov ’10

Domain : Whole-Sale Payments and Clearing & Settlements

Project Description:

The main aim of the project is to develop new features for **GBS** (Global Banking System – Payments, Capital Markets, Accounting and Credit systems) and **MDM** (Master Data Management)

New features implemented - **SEPA, Target 2, SWIFT yearly enhancements and various compliance projects**

**Roles and Responsibilities:**

* Requirement gathering from business partners
* Provided estimates for the change requests
* Created design (Product Plan) and presenting to stack holders for approval
* Created user stories in JADE for development
* Coded and unit tested the modules
* SIT, UAT and Implementation Support
* Peer review (code and unit test results)
* Helped and guided the offshore team members in resolving the technical issues
* Defect fixing and root cause analysis
* Created Application support handover and lessons learnt document
* Wiki update (i.e. documentation)

**Project #3:**

**Project : Health Logic Remediation**

**Client : Bank of America, US**

**Environment : JAVA, JSP, Servlets, Spring MVC, WebLogic 9.2, Eclipse 9.2, Oracle 10g**

**Role : Developer**

Duration : Jul ’08 – Jan ‘09

Project Description:

Health Logic product development to automate insurance Explanation of Benefit (EOB) document processing, claims re-submission process and claims submissions to patients' secondary insurance process.

**Roles and Responsibilities:**

* Understanding the requirements for Enhancements and provided estimates
* Designed UI, UI Specification Document, Process Flow Diagrams
* Designed **UML diagrams (Use Case, Sequence, Class diagrams)**
* Designed Image and Document processing
* Implemented Transaction Management
* Implemented **ADA and W3C compliant for the screens**
* SIT and UAT support

**Project #2:**

**Project : Simplify Business Decommission & Archival process.**

**Client : AVIVA – Norwich Union Insurance, UK**

**Environment : COBOL, Natural, IMS DB, DB2, IMS DC, ADASTRIP, ADABAS**

**Role : Developer**

Duration : Apr ’05 – Jul ‘06

Domain : General Insurance

Project Description:

Migrating the data from legacy system to new strategic platform using ETL (Extract, Transform and Load) approach

**Project #1:**

**Project : Software Project Tracking System**

**Client : TCS Limited - Internal**

**Environment : Java, JSP, Servlet, JavaScript, SQL 2000, UNIX**

**Role : Developer**

Duration : Jan ’05 – Mar ‘05

Domain : Project Management

Project Description :

The Software Project Tracking System helps to keep track of the project schedule and resource utilization

**CERTIFICATIONS**

* MongoDB for Java Developers
* Sun Certified Java Programmer (SCJP) - CX-310-055
* DB2 UDB Family Fundamentals – Exam 700
* Introduction to Oracle 9i – SQL
* TCS Certification in Payment Systems
* TCS Certification in Banking and Finance

**EDUCATION**

M.Tech (Software Engineering), BITS Pilani, India

**Community**

<http://stackoverflow.com/users/6337748/notionquest?tab=profile>

**References request upon**