**Saurabh Kumar**

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Nationality: **British Citizen**

**Profile**

A highly multi-skilled, self-motivated professional having more than 13 years of experience in architecture, design, development and testing.

**Experience Summary**

* Vast experience in designing multi-tier enterprise applications especially in the domain of Banking, Finance and Public Sector.
* Extensively used industry standard software development and design methodologies of Agile SCRUM, Agile XP Model, iterative approach & waterfall Model and RUP.
* Ability to see, suggest, model and deliver viable technical solutions for business problems.
* Managed off shore teams in India and USA, liaised with inter-departments and external customers, supported test teams and DBAs.
* Successful track record of delivering time-based complex development projects, using latest industry standard processes, tools and methods.
* Dynamic and result oriented team player adept at working with the business architects and customer to collect functional and non-functional requirements.
* Having knowledge and hands-on experience in the enterprise level architectures and integration of applications to deliver end-to-end enterprise level solutions.
* A focused and confident team player having business acumen on SOA, EAI and Cloud technologies to deliver tangible benefits to the business.

**Industry Domains**

* **Public Sector :** Home Office(UK BA), DWP(Department of works and pensions),Ministry of Justice(MOJ)
* **Banking and Finance :** Cloud Pay, J P Morgan Chase, Goldman Sachs, HSBC

**Technical Competencies**

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| Java/J2EE Technologies | J2SE - Java, Servlet , JSP, JSTL, EJB , MDB, JMS, JDBC, JNDI , JPA ,JTA/XA,JAXB |
| Frameworks | Spring,Hibernate, Struts ,JSF Groovy and Grails, jBPM ,Atomikos,Ibatis,Spring Boot |
| Web Services | SOAP, Restful Micro services |
| Architecture and Design Patterns | UML, MS VISIO, J2ee Design Patterns, Object Oriented Analysis & Design (OOAD) |
| XML Technologies | XML, DTD, XML Schema, XQuery, XPath2 |
| Development Tools | Unit JMock, ANT ,Ivy, Maven, Cruise Control, XDoclet, Jenkins, Selenium,Mockito,IBM Rational Team Concert, Visual VM and Visual GC |
| Web Technologies | Java Script,JQuery, AJAX, CSS, Jackson,Jersey,Angular JS |
| Databases | Oracle , My SQL, Postgresql,T-SQl 2012,MongoDB |
| Application/ Web Servers & Middleware | IBM Websphere 6.0, JBoss 5.3 and EAP 6.4 , Apache Tomcat ,Apache Camel,Oracle Service Bus, Oracle Weblogic 10g/11g,Tibco,IBM MQ Series |
| IDEs & Other Tools | Eclipse, IntelliJ , Netbeans ,Tortoise for SVN, ,SOAPUI ,XML Spy, Control M, Autosys, GEMS EMS,Control-M,PostMan,Fiddler |
| Methodologies | Agile SCRUM, Agile XP, Iterative Model, RUP, Waterfall Model, TDD, Pair Programming |
| Configuration Management | CVS, Subversion (SVN),ClearCase,GIT,Stash,TeamCity |
| OS & Protocols | Linux, Windows, VM Ware, Http, Https,PKI,JCE, TCP/IP,SSH/SSL,MacOS,Cryptpgraphy etc |
| Others | Unix Shell Script, Ruby Script, Scala ,BDD,Vagrant,Heroku,Skyscape |

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| Professional Experience | |
| Project | Global Payments System |
| Employer | J P Morgan |
| Team Size | 12 |
| Duration | August 2016 – Till Date |
| Role | Senior Consultant |
| Technology | Java 1.8, Storm, Kafka, Stash, JIRA , Maven, Junit, Mockito , ,Intellij, Spring Core ,Cassandra, JMS |
| Project Details | **Global Payments Strategy (GPS) - Technology | Corporate & Investment Bank (CIB)** is a flexible single-payment platform which streamlines all of payment processes into one central hub – for significant cost savings, improved quality of service, and greater operational efficiency. This will replace multiple, siloed payment applications with one central payments hub. Support all activities along the payments value chain with flexible business models. |
| Responsibilities | * Participated in consolidating requirements from user stories and breaking them into tasks. * Helped developers to improve their coding and development skills by using pair programming and 1-1 coaching * SME and architect of Reference Data Façade * Designed and developed “Rejects and Returns” functionality which is one of the Core Building Blocks of payment engine back office. * Designed and developed “Decision Manager” which is one of the Core Building Blocks of back office and it is single point for orchestrating business flow for all core processing platforms. * Persisted data in Cassandra database using Spring Data |

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| Project | GDS(Government Digital Services) |
| Employer | DWP & MOJ |
| Team Size | 8 |
| Duration | January 2016 – July 2016 |
| Role | Lead Developer |
| Technology | Java 1.8, Spring Core, Tomcat Spring Boot ,Spring Data, Restful micro services , Mongo DB, JIRA , Maven, Junit, Mockito,Intellij, Postgres |
| Project Details | DISC is the Job Centre Plus application designed to support the delivery of Atw(Access to Work Program).Atw contributes significantly to DWP for the achievement of its objective –‘Improve rights and opportunities for the disabled people in a fair and inclusive society’. The main purpose of DISC application is to record applications to the Atw program and to process claims which are submitted by the Atw customers.CJS Common Platform Programme (CJSCP) is to support business transformation across the Crown Prosecution Service (CPS) and Her Majesty Court Service (HMCTS). The common platform will be an integrated data store and suite of services that allows all stakeholders to access and manipulate the same data. |
| Responsibilities | Requirement Analysis and Prototype designing.  Creation of RESTful micro services using Spring Boot and Java 8 to integrate with external portals.  Involved in the check and validation of micro services end to development.  Designed and implemented CRUD operations on MongoDB using Spring Data.  Setting up configuration management with GIT and Jenkins on Cloud VM’s.  Oracle to Postgres Data Migration using Enterprise DB Tools and partial JSONifying existing customer data to MongoDB.  Peer review and provide feedback .  Conduct project risk identification and mitigation action planning with the PM at the project level  Various POC’s and Demo work for business/technical stakeholders on legacy migration and micro service architecture. |

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| Project | Darwin |
| Employer | H.S.B.C |
| Team Size | 12 |
| Duration | April 2015 – December 2015 |
| Role | Senior Development Specialist |
| Technology | Java 1.8, IBM Websphere 8.0, Spring Core , Spring Data, REST, Oracle 11g database, IBM Rational Team Concert , Ant 1.9, Ivy 2.0, MongoDB, Junit, Mockito, Eclipse Kelpler, IBM Filenet Process/Content Engine, Spring MVC 4.1.5 |
| Project Details | HSBC reached a settlement of $1.921bn with US authorities on 11 December 2012, relating to investigations into the bank’s compliance with anti-money laundering (AML) and sanctions laws. The agreement includes a Deferred Prosecution Agreement (DPA) with the US Department of Justice and makes concessions to achieve global resolution with all other US government agencies that have investigated HSBC’s past conduct. HSBC has to deliver on a number of public commitments made in US Senate hearings and as part of the DPA. |
| Responsibilities | Application Architecture and governance of MI Export Reporting(ETL) Application using Spring Data ,Filenet API’s and Core Java .  Decoupling Darwin Admin Application using Spring MVC, Spring Core and Spring Data.  Creation of various RESTful web services required for integration with IBM Process/Content Engine.  Contribute towards key design decisions and complete proof of concepts where necessary.  Ensure technical non-functional requirements including security, performance and scalability get addressed in addition to the business’ functional requirements  Review code of peers to ensure code quality. |

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| **Project** | MTM- Mark to Market |
| Employer | J.P Morgan |
| Team Size | 10 |
| Duration | August 2014 – March 2015 |
| Role | Senior Associate |
| Technology | Java/J2EE, Tomcat, JTA (Atomikos), Spring Core JAX- WS, JAX-B, Oracle 11g database, JIRA,  GIT, Maven, Tibco, Git, Stash, Junit,Mockito, Intellij Idea, Scala, GEMS EMS |
| Project Details | Mark to Market is the process of re-evaluation of a security to reflect its current market value instead of its acquisition price or book value, also known as 'Marking to Market' (MTM). This is performed by Middle Office on a daily basis. The Mark to Market Process occurs for all the legal entities that JPMC supports within stock Loan. The objective of this project is to replace functionality of a legacy application which will enable automating the mark and compare process between JPMCC and other inter-entity contracts. |
| Responsibilities | Led agile development for a high-transactional and business critical post trade web application.  Actively engaged with business analysts to understand requirements and design application modules.  Acted as an architect with complete understanding of all software components and integration points, to support all the environments (LIVE, DR, UAT, SIT, DEV).  Developed REST (RESTful), SOAP web services to support front end integration and created commong transaction module as a library to allow JTA/XA consistency across the application ecosystem.  Designed and led development of a high-transactional, business critical web application, for post trade settlement.  Peer review and provide feedback |

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| **Project** | PIP - Personal Independence Payment |
| Client | DWP – Department of Works and Pension |
| Employer | ATOS |
| Team Size | 10 |
| Duration | May 2012 – July 2014 |
| Role | Application Architect |
| Technology | Java/J2EE, Spring Webflow, Spring core, Spring batch, H-DIV, REST, JAX-B, JBPM 3,  JBoss Server, Oracle 11g database,OpenSSL, T-SQL 2012, Apache Camel ,Ibatis ,Groovy and Grails |
| Project Details | The implementation of PIP is to help disabled people to lead independent lives and exercise choice and control. The project provides end-to-end support for the business process related to the provision of independent advice to the DWP decision maker in relation to claims to Personal Independence Payment. The system’s user-base includes administrators and health professionals both within Atos Healthcare and across its supply chain. |
| Responsibilities | Acted as an application architect and technical design authority for all software components and integration points.  Work within an agile development team to analyze requirements, design, develop, test and implement new solution using scrum methodology.  Requirement Analysis and Prototype designing.  Conduct project risk identification and mitigation action planning with the PM at the project level  Assist project manager in the project coordination.  Providing SIT/UAT and Go-Live support for entire project life cycle. |

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| **Project** | ICW Program |
| Client | UKBA – Home Office |
| Employer | ATOS |
| Duration | May 2011 – April 2012 |
| Project Details | Led the design and development of the UK Border Agency (UKBA) end to end case working solution under the Immigration Case Working (ICW) Program using Java/J2EE, EJB 3.0, Spring core, Core Java, Jboss Server, JSF 2.0 , Oracle 11g database ,Aqualogic Service Bus. |

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| **Project** | IB Migration |
| Client | DWP – Department of Works and Pension |
| Employer | ATOS |
| Duration | June 2010 - April 2011 |
| Project Details | Migrate one of the DWP’s flagship application named MSRS (Employment Support Allowance), procedures and tools already written for BEA Weblogic to run within JBOSS Application Server. Java/J2EE, Spring Webflow, Spring core, H-DIV, REST, JAX-B, JBPM 3, Jboss Server, Oracle 11g. |

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| **Project** | Payroll and Global HCM Application |
| Employer | Cloud Pay |
| Duration | May 2008 - May 2010 |
| Project Details | Worked as a Senior Software Engineer using Java/J2EE, Core Java, SQL, MySQL 5.0, Tomcat, Junit, JSP, Servlets, PKI, JCE,BouncyCastle on a Payroll Application which included includes full HR, expatriate management, recruitment applicant tracking, performance management, integrated workflow, leave management, time and attendance and content management together with employee self-service and benefits admin. |

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| **Project** | GSAM (Goldman Sachs Asset Management) FPML Derivative Processing |
| Client | J.P Morgan |
| Employer | Mahindra Satyam |
| Duration | May 2007-April 2008 |
| Project Details | Worked with Java/J2EE, Hibernate, and IBM Websphere, Oracle 8i database to create a GSAM FPML application that splits and reformats trade instructions into WINS (Worldwide Investment System) transactions. If any transactions fall out of WINS, then the GSAM FPML application will send the original FpML message to the WINS users, via an Intranet-accessible “Drop Box”. The WINS users are then able to pick these up and manually post them into WINS. In addition, the application also sends an audit copy of each FPML message to the drop boxes. |

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| **Project** | Morgan Trustee Depository Limited (MTDL) |
| Client | J.P Morgan |
| Employer | Mahindra Satyam |
| Duration | May 2003 – April 2007 |
| Project Details | Worked as a Senior Software Engineer to automate the Trustee/Depository utilizing Java/J2EE, Struts, IBM Websphere, and Oracle 8i database product to provide an integrated client trustee/fiduciary services, initially in the UK. Also, provided automated interfaces, warehousing of data and browser delivery of client and risk/regulatory reporting, Facilitate subsequent usage of relevant modules across the different locations/jurisdictions. |