**Dheeraj Kumar**

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| **P R O F E S S I O N A L S U M M A R Y** |

* **Around 9+ years** of experience in software development, project management and time management implementation of the IT governance. Experience consists of understanding the requirements and changes in applications and implementing them as per the business needs.
* Expertise in Technology such as **Core Java, Hibernate, Spring, Struts, TIBCO BW, EMS, MQ, EJB, JMS, JUnit, Mock Objects, Servlets, JSP, JNDI, Java Beans, JDBC, XML, XSLT, Web Services, Oracle, IBM DB2, Maven, OOAD, UML, Weblogic, Websphere, Eclipse, RAD, WSAD, TOAD, DBArtisan**.
* Well versed with various phases of software development life cycle. Good interpersonal and communication skills.
* Good exposure on trading systems with “Merrill Lynch” and “Morgan Stanley”.

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| **E D U C A T I O N** |

* **Master of Computer Application.**
* Professional Diploma in **WEB-DEVELOPMENT & E-COMMERCE.**

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| **T E C H N I C A L S K I L LS E T S** |

**Operating Systems :** MS DOS, Windows XP/2000, Unix.

**Languages :** Java,Java Script.

**Applications :** Batch, Real Time and Web Applications.

**Tools :** WSAD, RAD, Eclipse, TOAD, DBArtisan, code Pro.

**Repository & Build :** svn, perforce, Ant, Maven

**Databases :** Oracle, IBM DB2, Sybase

**Middleware :** TIBCO Business Works, EMS, MQ, EJB

**Skills :** Core Java, Hibernate, Spring, Struts, TIBCO BW, EMS, MQ, EJB, JMS, JUnit, Mock Objects, Servlets, JSP, JNDI, Java Beans, JDBC, XML, XSLT, Web Services, Oracle, IBM DB2, Code PRO, Maven, OOAD, UML, Weblogic, Websphere

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| **DETAILS** **OF** **EXPERIENCE *Projects Profile*** |

**End Client : Morgan Stanley**

**Project : Commodities Trading System (Real Time Trade Capture)**

**Position Title : Technical Manager**

**Environment** :**Core Java, Multithreading, Collections, Concurrent API, JDBC, Socket programming, Design Patterns, Spring Framework** **(IOC, AOP, Transaction, MVC), Hibernate, MQ, JMS, Sybase, XML Messages, SOAP Messages, Web Services, BPM, Unix, FIX Messages, web server, SQL/PLSQL, Ant scripts.**

**Duration** : May 2010– Ongoing.

**Project Size** : 5

**Project Description**

This is a commodity real time trade capture application, which processes all incoming trades which covers all trade types like OTC (Swap, Basis Swap etc), listed (Futures, Options) and Physical trades as well. All trades are received in form of fix messages, xml messages and some specific formats and these are received from different exchanges (NYMEX, CME, TOCOM, LME, ICE etc.), brokers and third party gateways. Some physical trades are received in form of coma delimited files. This application/system is divided in to multiple subsystems and each subsystem is responsible to process different type of trades like oil, natural gas, electricity, precious metals, base metals etc.

Trades are received in different ways, some of them trades are received from exchange using socket connection and some of them are received from MQ. This application is responsible to receive these trades and based on trade types (Swap Future, Options etc…), these are processed by subsystems (market type specific). After processing, these trades are sent to downstream risk systems for further processing in form of SOAP messages. The communication between application and downstream risk systems are both ways asynchronous and synchronous.

**Utility Applications:** There are many utility web applications, which are used to check trade status, trade details, add ref data, reflowing error trades manually etc.

Role and Responsibilities:

* Highly involved in coding with all given technologies.
* XML parsing, FIX message parsing, create framework to parse coma separated files.
* Worked closely with client to resolve data/trade related issues.
* Implemented internal caching mechanism to improve performance.
* Worked on performance related issues.
* Used Several Design Patterns like DAO, Transfer/Value objects, Singleton, strategy, template, chain of responsibility etc.,
* Involved in designing, coding, unit testing, regression testing and reviews.
* Setup database, writing queries, stored procedures, indexes, triggers etc…

**End Client : Bank of America Merrill Lynch**

**Project : ML Equity Linked Technology Post Trade**

**Position Title : Senior Consultant**

**Environment** : Core Java, multithreading, collections, TIBCO Business Works, JMS, EMS, MQ, XML, web Services, Tomcat, Oracle Database

**Duration** : Mar 2008– Mar 2010

**Project Size** : 12

**Project Description**

This project involves migration activities for multiple existing feeds in Merrill Lynch from Java/J2EE framework to TIBCO’s Business Works. Feeds are middleware systems which receive trade details from Metro, for every new trade entered into RAM database. Feeds will enrich these input messages from Metro as per the requirements of specific downstream systems with which feeds interact. In the initial phase following feeds are being migrated: TESSBTM, OLTP, Cash Manager and STR.

Role and Responsibilities:

* Highly involved in coding (core java. TIBCO etc…).
* Created **Design Docs** from **Functional Specifications.**
* Worked closely with client to resolve data related issues.
* Implemented internal caching mechanism to improve performance using TIBCO’s smart mapper.
* Deployment on TIBCO admin server.
* Queue management (MQ and EMS).
* Involved in designing, coding, unit testing and reviews in Java/TIBCO BW.
* Setup database, writing queries, stored procedures, indexes, triggers etc

**End Client : Nuance Communications**

**Project : Nuance R&D (OSDM/NDM)**

**Position Title : Lead Consultant**

**Environment** : Core Java, Tomcat, ANT, XML, VXML, GrXML, Nuance tools

**Duration** : Sept 2007– Feb 2008

**Project Size** : 5

**Project Description**

Openspeech dialogmodules (OSDMs) are building blocks for speech applications. Using a voiceXML application, a caller uses speech and DTMF (touchtone) inputs on a telephone (or VoIP client) to interact with a voiceXML browser. The browser plays prompts (text-to-speech or recorded audio) to the caller and uses speech and DTMF grammars to recognize the caller input. The browser also interacts with an application web server that provides the voiceXML instructions to direct the system’s interactions with the caller. The web server can also interact with back-end data system to provide content to the caller or gather information from the caller. Openspeech dialogmodules lets you develop voiceXML applications rapidly. They manage the error-recovery logic and callflow and simplify development of speech services.

Role and Responsibilities:

* + Involved in designing and development in java, vxml etc.
  + Use Case Requirement Analysis.
  + Low Level Design based on Use Case.
  + Unit testing, integration testing and system testing and defect resolution.
  + Responsible for handling few modules during crucial Phase of the project.
  + Involved in meetings and kick off session.
  + DB2 setup, writing queries.

**End Client : RDC (Data Centrum), Netherlands**

**Project** : **RDC (Data Centrum)**

**Position Title : Senior Consultant**

**Environment** : Core Java, Velocity, JSP, Spring (IOC, AOP, Transaction, MVC), Hibernate, XML, Web services, JUnit, Mock Objects, Eclipse, Websphere5.1, Code Pro, Maven, SVN with DB2 Database, UML.

**Duration** : May 2006– Aug 2007.

**Project Size** : 12

**Project Description**

RDC Data Centrum provides branch computerization in the vehicle branch of the Netherlands. RDC extends and develops various services in the fields of information and communication to miscellaneous parties within the branch. These services focus on a high quality database with current data on all registered vehicles.

The RDC Data centre delivers various statistical data to the automobile sector via web interfaces. Many of these products make use of the same basic data; however the output format and the specific classification often differ per customer. In order to standardise the way in which the source data is processed into statistics and, at the same time, to achieve a better performance in the composition of the end product the master files for the statistics are built up using Batch processed technique. The imported File is read, validated and saved to the database tables. This data are than shared to various organizations provided by RDC.

Role and Responsibilities:

* Involved in designing and development in java, spring, hibernate etc.
* Use Case Requirement Analysis.
* Low Level Design based on Use Case.
* Unit testing, integration testing and system testing and defect resolution.
* Responsible for handling few modules during crucial Phase of the project.
* Involved in meetings and kick off session.
* DB2 setup, writing queries and deployment on Websphere 5.1.

**End Client : ING-BANK Netherlands**

**Project** : **ING-ACNPP (Amortized Cost and Payment Penalties Application)**

**Position Title : Consultant**

**Environment** : Core Java, JSP, Spring (IOC, AOP, Transaction, MVC), Hibernate, XML, JUnit, Eclipse, Websphere5.1, PMD Check Style, ANT, SVN, Oracle, UML

**Duration** : Jan 2006– May 2006.

**Project Size** : 10

**Project Description**

ING Group is a global financial services company of Dutch origin, providing a wide array of banking, insurance and asset management services in over 50 countries. ING posted strong continuous profit growth in last decades. The ING has to announce yearly financial figures to comply with IFRS taking valuation adjustments on non-trading derivatives, prepayment penalties and fair value changes undesignated assets and liabilities. The increased volatility of the market makes it more complicate to generate financial figures every quarter. ING ACNPP is the solution to address these issues and open for the enhancements.

The application is web based application provides single sign on, role based access control. The user can provide the complex parameters to the application to generate the financial figures compiled to the IFRS standards. The application is developed to accept the volatility of the financial changes in the market.

Role and Responsibilities:

* + Involved in designing and development in java, spring, hibernate etc.
  + Use Case Requirement Analysis.
  + Low Level Design based on Use Case.
  + Unit testing, integration testing and system testing and defect resolution.
  + Responsible for handling few modules during crucial Phase of the project.
  + Involved in meetings and kick off session.
  + Oracle setup, writing queries and deployment on Websphere 5.1.

**End Client : Godfrey’s Philips Ltd**

**Project** : **Branch Automation System**

**Position Title : Senior Software Engineer**

**Environment** : Core Java, Servlet, JSP, EJB, Struts, XML, UML, and Weblogic 8.1 with Oracle Database

**Duration** : May 2005– Dec 2005.

**Project Size** : 8

**Project Description**

The Branch Automation System developed to help the organization, integrates the different branches and the Head Office and different Carry and Forward Points. The Branch Automation System was designed and corresponding tools and utilities were developed which ensured that the data is synchronized at each end and information is secure and reliable.

These were the modules developed by us.

* Collection Entry Module
* Credit Debit Limit Entry Module
* Credit Limit Entry Module
* Cigar Gate Pass Entry Module
* Bank Master Entry Module
* Pay Slip Report Generator
* Credit Debit Note Generator
* Whole Sale Distributor Ledger Report

Role and Responsibilities:

* + Involved in designing and development in java, struts, EJB etc.
  + Low Level Design based on Use Case.
  + Unit testing, integration testing and system testing and defect resolution.
  + Responsible for handling few modules during crucial Phase of the project.
  + Oracle setup, writing queries and deployment on Weblogic 8.1.

**End Client : Medusind Solutions Ltd**

**Project** : **Medical BPO Automation System**

**Position Title : Senior Software Engineer**

**Environment** : Java J2EE, Servlets, JSP, JDBC, JavaScript, XML, XSLT, Websphere 5.1, DB2

**Duration** : May 2004– April 2005.

**Project Size** : 8

**Project Description**

Account receivable Calling is the process in which callers do calls to Insurance Company or Patient depends on various conditions. Our application does Automate all process based on their business logic and they get records for calling and start calling.

Medusind receives files from US client (Hospitals) in word, Excel and PDF formats. Our application reads excel or word format files and give a unique number to every patient record and automate all process based on their business logic and they get records for Charge Entry and do work in a predefined work flow. PDF file case is handled in different way. Medusind receives files from US client (Hospitals) in word, Excel and PDF formats. Our application reads excel or word format files and give a unique number to every patient record and automate all process based on their business logic and they get records for Cash Posting and do work in a predefined work flow. PDF file case is handled in different way.

**Responsibilities** –

* + Involved in designing and development in java, XML, XSLT etc.
  + Unit testing, integration testing and system testing.
  + Writing queries and deployment Webphere 5.1

**End Client : Pre-emptive System Pvt Ltd**

**Project** : **Augment BPM Component (Product)**

**Position Title : Software Engineer**

**Environment** : Java J2EE, Servlets, JSP, JDBC, JavaScript, XML, XSLT, Websphere 5.1, DB2

**Duration** : Dec 2003– May 2004.

**Project Size** : 8

**Project Description**

Augment BPM is a component model, which is used to develop the application according to requirement. Using this component workflow is handled using FSM (finite state machine). This component is installed on server and all client requests are handled by servlets and servlets use many classes to implement the business logics. Servlets throw response in XML form and on client side XML is parsed (using java script). Java is also used for XML parsing. Component is rich with its property.

**Responsibilities**

* + Involved in designing and development in java, XML, XSLT etc.
  + Unit testing, integration testing and system testing.
  + Writing queries and deployment Webphere 5.1
  + XML parsing with JAVA and XML parsing with JavaScript.