**MANOJ KUMAR**

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**Senior IT Professional**

**~ Technical / Solution Architect ~ Product Development ~ IT Infrastructure Management ~ Team Management with a reputed organisations**

**PROFESSIONAL SYNOPSIS**

* Technically savvy management professional of Java/J2EE technology over 15 **years** of career reflecting experience in Technical & Solution Architecture, IT Product Development, IT Infrastructure Management and Team Management.
* *Acquired good exposure in various domains like* Telecom, Healthcare, Share trading and Airlines*.*
* Experience in leading IT teams for day to day IT requirements and project implementations & managing multiple concurrent projects. *Instrumental in handling software development teams globally.*
* Expertise in managing multiple projects o with competing priority to deliver common business benefits; complete product development activities.
* Proven track record of establishing cordial relationships with clients and technical teams, stakeholder management and conflict resolution for successfully securing & executing concurrent projects.
* Worked as key person on related projects and remain single point of contact for any critical issue.
* 2 years of experience in analysis, design and development of Big Data Solutions using Hadoop, Pig, Hive, Sqoop, Oozie, Spark
* Excellent Java SQL coding and experience of 10 years with a broad array of development tools.

**IT SKILLS**

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| --- | --- |
| **Languages** | Java, J2EE, Shell Script, VXML, XML, UML, ASP, VB6.0 |
| **Databases** | ORACLE, Cassandra, MongoDB, PostgreSQL, DB2, SQL SERVER 7.0, MS Access |
| **Web Technologies** | JSP, JSTL, JSF, HTML, JavaScript, HTML5, jQuery, NodeJS, CSS, Ajex, AngularJS |
| **Web Services** | SOAP, REST, JMS |
| **Application Servers** | JBOSS, Resin, Tomcat |
| **Operating System** | UNIX, LINUX, WINDOW-XP, Sun Solaris |
| **Reporting System** | Pentaho Report Designer, Pentaho BI, Design Studio, JasperReport |
| **GUI Tools** | Eclipse, SQL Developer, pgAdmin, TOAD |
| **Framework** | Hibernate, Spring, Spring Boot |
| **BigData** | MapReduce, Pig, Hive, Sqoop, Oozie, Spark, Python, NoSQL |

**JOB EXPERIENCE**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NAME OF ORGANISATION** | **DURATION**  **(YEARS)** | **DESIGNATION** | **FROM** | **TO** |
| **Working as Freelancer** | 1.0 | Technical Architect | July,  2018 |  |
| **Amdocs Development Centre India Pvt. Ltd.** | 4.0 | Software Development Specialist/Java Architect | March, 2014 | April 2018 |
| **Utiba Software (India) Pvt. Ltd.** | 6.4 | Tech Lead/Java Architect | Oct 2007 | Feb 2014 |
| **RealNetwork** (MNC) | 2.5 | Sr. Manager/Java Architect | Apr.,2005 | Sept. 2007 |
| **EFFECTSOFT LTD.** (MNC) | 1.0 | PROJECT MANAGER/ Java Lead | May, 2004 | Apr. 2005 |
| **DCM DATA SYSTEMS LTD.** | 2.0 | TEAM LEADER | April,2002 | Apr.,2004 |
| **SINDHU LOGIQUEST (P) LTD.** | 2.0 | TEAM LEADER | April,2000 | Oct,2001 |
| **AKHIL SYSTEMS (P) LTD** | 2.5 | Sr. PROGRAMMER | Nov. 1997 | March, 2000 |
| **MIPS DATA PROCESSING (P) LTD** | 2.4 | PROGRAMMER | July,1995 | October, 1997 |

**Significant Highlights:**

* Successfully interacted with Project Managers and BA for requirement analysis as well as with the clients, globally.
* Instrumental in visiting the client site globally in critical situations; already visited 8 countries.
* Providing solution of critical issues development, implementation, support.
* Handling a development team & involved in development.
* Provided training & support to the client/ implementation teams. Involved in sales support & Pre-sales activities.
* Currently work as freelancer for various clients globally

**SUMMARY OF MAIN PROJECTS**

**Product Name Airtime, Money transfer using multi-wallet(U:Market)**

Position Team Member

Team Size 10

Software Java, J2EE, Oracle11g/PostgreSQL/Cassandra/MongoDB, Rest, SOAP,WEB2.0, AngularJS, CSS Jboss, eclipse,Spring Boot

Methodology Agile

Period Extensive development of the product since 2014 and customized for 40 clients

Brief Description The primary function of this system is to facilitate e-commerce transactions across a mobile network. This is a commodity trading, money/airtime transfer system using multi wallet(E-wallet, stock, points, commission & airtime). Bonus point wallet can store bonus points awarded on the basis of performance. Transaction can be initiated through different channels (SMS, STK, SOAP, Web). The system can integrate with IN Prepaid, VAS, Billpay, Bank. The core of the product is developed in java,j2ee. Rest API is used to release different modules. The database can be configured either on Oracle, Postgres or Cassandra.

**Role & Responsibility** Worked as key person and most of the time worked as a solution/java architect. Interaction with PM/clients for requirement, design & development, training to client/ development/support/ implementation team, team management, provide solutions of critical issues to development/support/implementation team, involved in sales and pre-sales activities, visit client sites as and when required for on site development/training. Involved in the development in java/j2ee.

**Product Name DataMart(ETL-Extract, Transfer and Load)**

Position Team Leader

Team Size 5

Software Oracle11g/PostgreSQL/Cassandra, Pig, Hive, Spark, Sqoop, Oozie, Java, Spring

Methodology Agile

Period Extensive development since 2014 and developed/customized for 40 clients

Brief Description The primary function of ETL process is to implements the logic for efficiently extracting data from the OLTP database. Transforming the data into a form better suited to customer reporting including de-normalisation and aggregation of the extracted data and Loading the transformed data into the DataMart. This initiative is primarily driven by the requirement for customers to produce their own reports, based on data from Amdocs systems, without the need for assistance or intervention from Amdocs .

**Role & Responsibility** Remain single point of contact and most of the worked as a solution architect. Interaction with PM/clients for requirement, design & development, training to client/ development/support/ implementation team, team management, provide solutions of critical issues to development/support/implementation team, involved in sales and pre-sales activities, visit client sites as and when required for on site development/training. Involved in the development in java/j2ee.

**Project Name Landline Bill-pay System**

Position Team Leader

Team Size 6

Software Java, J2EE, Eclipse3.0, Oracle9i/Cassandra, Spring, CSS, Rest, SOAP,hibernate

Period Oct 2016 to Feb 2017

Methodology Agile

Brief Description Using this product, the Airtel Broadband & Telephone Service (AB & TS) division is able to use the existing Easy Charge retailer network to collect land line Post-paid Bills. Customers of AB & TS are able to pay their land line Post-paid bills at existing Easy Charge retail outlets. The request land in the core which is developed in java, j2ee and responses sends various stakeholder. The database can be configured either on Oracle,Cassandra or postgres.

**Role & Responsibility** Discuss the requirement with project managers/clients**.** Design db schema, business logic, resource allocation, unit testing, user acceptance testing with client, Implementation. Find out the solution of critical issues for developers/users. Overall 20% managerial and 80% technical role. Involved in the development in java/j2ee.

**Product Name U: VIEW**

Position Solution Architect

Team Size 12

Software Java, J2EE, JSP, XML, Spring, Rest, Oracle10g/PostgreSQL/Cassandra/MongoDB, Jboss, Pentaho BI, Pentaho Report Designer, Pentaho Design Studio, hibernate, AngulaJS, Liferay 6.04

Methodology Agile

Period Extensive development since August 2014 ( developed/customized for 25 clients)

Brief Description U: View is designed to provide information tools to Operator staff, including financial and accounting, audit, marketing and management. Using this product a report can be extracted in different format and scheduled to deliver on various emails/ftp. A replicated DB is used to increase the performance. The product is integrated with U:Market and the product can be configured either on Oracle, Cassandra or Postgres. The product was implemented for 20 clients around the globe. The product gives power back to the customer with the ability to create and publish their own reports. The core APIs of the product are developed in java, j2ee. The backend of the product can be oracle, postgreSQL or Cassandra etc. Hibernate is used for user accessibility and management.

**Role & Responsibility** Interaction with PM/clients for requirement, design & development, training to client/ development/support/ implementation team, team management, provide solutions of critical issues to development/support/implementation team, involved in sales and pre-sales activities, visit client sites as and when required for on site development/training. Overall 20% managerial and 80% technical role. Involved in the development in java/j2ee.

**Project Name Airtel Hello Tunes Service**

Position Sr. Manager (Software development)

Team Size 10

Software Java, J2EE, JSP, Ajex, VXML, SOAP, Resin, Eclipse3.0, hibernate, CSS, Oracle9i, Cassandra, Sun Solaris5.8

Period Apr 2005 to Mar 2007

Methodology Agile

Brief Description Hello tunes Portal System provides cellular subscribers with various access channels to Hello tunes service including subscription, selection & change of ring-back tone sounds, and so on. Hello tune gateway is a communication channel between Hello tunes Portal system and Hello tunes server. IVR, CCC and SMS web interface are used for subscription and RBT purchase. CP & Admin Web interface are used for song upload and approval and for various statistical report. The core APIs of the system are developed in java, j2ee. Data

**Role & Responsibility** Discuss the requirement with PM/client**.** Design of db schema**,** SIL server API, resource allocation, unit testing, implementation, user acceptance testing with client. Find out the solution of critical issues for developers/users. Visit client site with PM as and when required to discuss the requirement. Overall 20% managerial and 80% technical role. Involved in the development in java/j2ee.

**Project Name Share Trading System**

Position Project Manager

Team Size 5

Software Java, J2EE, JSP (STL), Ajex, Spring, XML, CSS, Tomcat4.0, Eclipse3.0, DB2, Linux

Methodology Agile

Period May 2004 to Sep 2004

Brief Description The objective of this system is to provide facilities of trading shares from remote location for a customer. Other features are provided for registered users or visiting users, like Market & News, Quote & Research, Trading Game and Virtual Portfolio. Only a registered customer can access the Trading and Account Services. This system trades shares in two stock exchanges KSE (Kuwait Stock Exchange) and US using two languages, English and Arabic. Information from the database is accessed through components developed in C language (Accounting Server, Security Server, Order Server, Communication Server, Information Server, Quotation Server etc.). Accounting, Security and communication servers are developed in core java.

**Role & Responsibility** Resource allocation, design of db schema, UML development, coding and implementation, find out solution of critical issues for developers. Overall 20% managerial and 80% technical role. Involved in the development in java/j2ee.

**Project Name On-Line Recruitment System**

Position Project Manager (software development)

Team Size 3

Software Java, J2EE, JSP (JSTL), JavaScript, XML, Tomcat4.0, Eclipse3.0, Oracle, Linux

Methodology Agile

Period Oct 2004 to Feb 2005

Brief Description The objective of this system is to On-Line recruitment system on intranet. The various features included in this project are topic creation, Question creation, Question paper creation, Manage Candidates, View Candidates Details, View Question Paper, Schedule candidates for interview, practical test, On-Line test, report of test, admin module to control the access of various modules.

**Role & Responsibility** Resource allocation, design of db schema, UML, coding and implementation, find out solution of critical issues for developers. Overall 20% managerial and 80% technical role.

**Project Name Communication Server**

Position Project Manager (software development)

Team Size 4

Software Java, Eclipse, Linux

Period Sep 2004 to Oct 2004

Brief Description The objective of this system is to provide communication between clients and the servers running on the servers to manipulate information from the database. It receives the request from client and delegates to relevant server. This is the most important server which is developed in core java that communicates other servers developed in other technologies/languages using socket programming.

**Role & Responsibility** Design db schema, resource allocation, coding , unit testing, find out solution of critical problems/issues for developers/users, implementation, training to staff. Involved in the

development in java/j2ee.

**Project Name Maintenance of Business Instruction (MBI)**

Position Team Leader

Team Size 3

Software Java, J2EE, JSP, JavaScript, Tomcat4.0, Eclipse3.0, SQLServer7.0

Period Apr 2002 to Nov 2002

Brief Description This system process billing details of new computers (or AMC) installed at a client place (Region Wise). For each different bill an MBI is generated and the payment term defined. The payment term vary up to five instalments. Invoice can be generated after the approval of MBI by and authorized person and collection can be made.

**Role & Responsibility** Design db schema, resource allocation, coding in java, unit testing, find out solution of critical problems/issues for developers/users, implementation, training to staff. Overall 20% managerial and 80% technical role.

**Project Name Trading Warehouse**

Position Team Member (Programmer/Analyst)

Team Size 3

Software Java, J2EE, HTML, JavaScript, Applet, SQL Server 7.0, Window 98

Period Apr 2000 to Nov 2000

Brief Description Indus Trading House is a Trading Warehouse who was involved in trading of electronic Items and wants to automate their Quotation procedure. The company receives the queries from their Customers and on that basis requests for the Quotations from the Supplier. On the quotations received the Company decides and forwards the best offer to the customer. Once the customer places his order, company places the Order to the concerned supplier with predefined terms and conditions as global set of rules.

**Role & Responsibility** Development of various modules given by team leader, unit testing.

**Project Name Inventory Control and Management System (Material, Asset and Drugs)**

Position Team Member

Team Size 6

Software Visual Basic 6.0, Oracle8i, Window 98, Crystal Report8.0

Period Nov 1997 to May 1998

Brief Description This software is a multi store multi user inventory control and management system to assist the customer the basic requirement of the items every year. The customer can maintain the persistent record of every transaction performed during the financial year and take the report at any time to control the inventory. It can assist to select a supplier who is supplying the product at minimum cost on line.

**Role & Responsibility** Designed db schema, developed the entire module of PO, GRN, Cash Sales, Credit Sales, Free Issue etc., Developed all reports and implemented at various client sites.

**ACADEMIC & PROFESSIONAL QUALIFICATION**

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| **EXAMINATION** | **BOARD/UNIVERSITY** | **PASSING YEAR** | **MARKS(%)** |
| **B.Sc.**  **(**Science, Math**)** | AJMER UNIVERSITY(RAJASTHAN) | 1988 | 61.5 |
| **M.C.A.**  (Cond. by UGC) | JAI NARAIN VYAS UNIVERSITY  (ERSTWHILE UNIVERSITY OF JODHPUR) | 1993 | 64.4 |
| **Java Certification** | SUN MICROSYSTEM | 2001 | 64.0 |

**PERSONAL DETAILS**

Languages Known English, Hindi

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