**                                                                                         **

NARAYANA K Email : [narayanarajukvr@gmail.com](mailto:narayanarajukvr@gmail.com)

Mobile : +91-9840843885

**Professional Summary**

* Energetic and dedicated professional with 9+ years of experience in the field of Information

Technology with expertise in Analysis, Design, Development, Implementation and Testing

* Worked as a Hadoop Developer for DEEP, Net Cool & Alarms and AML project for Citi Cards.
* 4+Years of experience in Big Data & Hadoop eco systems - **HDFS, Hive, Sqoop, Flume,Oozie,**

**HBase,Phoenix ,NiFi  and  Spark**

* 4Years of experience in handling projects using Agile methodologies and hands on JIRA
* Experience in production support for Big data – Hadoop based projects for CCUKA, MCPM,

Sam knows

* Hands on experience on distributed environment using **CDH/Big insights/HORTONWORKS and**

**DATABRICS, Azure Cloud**

* Having basic knowledge and experience on **informatica BDM 10.2.2** for mappings.
* Developed shell scripts to process data from hdfs mount point and transform & load in to hive

hbase-staging tables to final tables.

* Hive Expertise Schema creation (Internal / external), HQL, Performance tuning. Hive with MR &

TEZ

* Sqoop - Expertise in Data transfer between Hadoop & RDBMS, DB2, Netezza
* Hands on Code Deployment tools like TFS, GITLAB and GITHUB, Azure Dev ops pipeline.
* Hands on ELK (Elastic Search - Log Stash – Kibana) Stack - Loading data from Server logs and csv files from HDFS.
* NiFi – Processors, Processor groups.
* Created dashboards in Zeppelin for the device metrics and integrated hive with Kibana.
* Hands on experience for graph databases like Gremlin queries.
* Involved in spark scripts preparation by using the Scala, Spark Core (Actions & Transformations), Spark SQL (Dealing with Hive) and Spark GraphX hands on with different types of datasets.
* Hands on experience on Monitoring the Kafka cluster by using apache Kafka manager.
* Hands on experience on cluster monitoring tool Ambari and experience on Job scheduling tool

Control-M

* Worked with databases such as MySQL and Oracle10g, SQL developer, DB2, Nettezza and Denodo, Aginity for Hadoop Tool and Data Warehousing.
* Having knowledge on Ansible.
* Having experience in JAVA Technologies.
* Good knowledge on Corporate Banking Domain
* Expertise knowledge on HPQC (ALM 12.0)
* Excellent communication and interpersonal skills like strong analytical, team building activities.

**Technical Skills**

|  |  |
| --- | --- |
| Distribution System | Hortonworks/Big insights, Cloudera |
| Hadoop Ecosystems /Processing Tools | HDFS, HBASE, Hive, Pig, SQOOP,Flume OOZIE,  Zeppelin, Kafka, Spark and Nifi |
| Cluster Monitoring Tools | Ambari, Ganglia, Grafana |
| Kafka monitoring tool | Apache Kafka manager |
| Job Scheduling/Monitoring | Nifi Processors, UNIX Cron Jobs, Control M |
| Data Base | My SQL 4.X, Oracle9i/10g, SQL developer, Netezza, DB2, Aginity for Hadoop |
| Emulators | SSH, WinSCP,Tectia, HP Quality Center ALM (10.0) |
| Scripting | UNIX Shell Scripting |
| Programming | Java(core), Scala(basics), Python |
| IDE, Web servers | Eclipse, Tomcat |
| Web Technologies | HTML, XML(Knowledge) |
| Project Management | Agile – JIRA, Azure Dev ops |
| Deployment Tool | TFS, GITHUB, GITLAB |
| Other Tools | Team Track,Remedy Tool, Elastic search, Log stash Kibana(ELK) |

**Academic Profiles**

* Master of Technology (R&D) in Computer Science and Engineering from SV University in Tirupati
* Bachelor of Technology in Information Technology from JNTU in Hyderabad

**Achievements**

* Microsoft Certified for Azure Fundamentals
* AWS Certified for Developer Associate
* Qualified in GATE got All India Rank is 991
* Received Client appreciation in the recent project for the cluster migrating and previous projects deliverables with zero slippage in production.
* Completed Python certifications from Cognizant Technology Pvt Ltd.
* Completed PCJD, PCOD certifications conducted by NALANDA from Polaris Financial Technology Pvt Ltd.

**Work Experience**

* Working as a Lead Consultant for HCL Technology Solutions Private Ltd from June 2021 TO Till date.
* Worked as a Technical Lead for Wipro Technology Solutions Private Ltd from January 2021 TO May 2021.
* Worked as a Senior Associate for Cognizant Technology Solutions Private Ltd from April 2019 TO January 2021.
* Worked as a Senior Software Engineer for Prodapt Solutions Private Ltd from June 2017 TO April 2019.
* Worked as Associate Consultant for Polaris Financial Technology (Virtusa Polaris Consulting Service) Pvt Ltd from December 2011 To June 2017.

**Project Experience**

|  |  |
| --- | --- |
| Project Title | CLP-BBD(Consumer Lending-Platform-(Business Bankers Desktop) |
| Duration | June 2021–Till Date |
| Client | ANZ |
| Environment | Linux, Big Data- Hadoop, HDFS, Hive, SQOOP, CDP, Ambari, Teradata , Shell scripting, SPARK , Bitbucket, Control M, Data Album1 |
| Emulators | Putty, Winscp |

**Project Description:**

                                        CLP -BBD as CDP based platform.  BBD project within ANZ Client and their primary responsibility is data strategy of multiple sources and produce Analytical / Predictive model to address gaps or to identify potential opportunities by generating the reports using Solar in ANZ Client. Generating the reports target audiences and goals to meet Clients business needs. It involves Data Ingestion/migration as one of the phases in which the data is loaded from BIH (Batch Integration Hub) and loaded into Hive tables which are partitioned date column.

**Role:  Lead**

**Technical Responsibilities:**

* Working as a Lead and involved in requirements gathering and analysis and providing estimation.
* Participation in discussion with client calls on deliverables of the project.
* Involved in loading data from Teradata source system to hdfs via sqoop /DataAlbum1 into hive tables.
* Involved in processing of Teradata migration jobs to hive databases.
* Involved in performance tuning level at different sources by changing the config level parameter.
* Involved in building the transformation logic based on the mapping sheet using spark

**Project Experience**

|  |  |
| --- | --- |
| Project Title | FERA |
| Duration | Jan 2021– May 2021 |
| Client | VISA |
| Environment | Linux, Big Data- Hadoop, HDFS, Hive, SQOOP, HDP ,Ambari, Abinitio , Shell scripting, SPARK (Scala), Bitbucket, OOZIE for scheduling |
| Emulators | Tectia, SSH |

**Project Description:**

                    FERA is Hortonworks (HDP) based platform.  FERA project within VISA Client and their primary responsibility is data strategy of multiple sources and produce Analytical / Predictive model to address gaps or to identify potential opportunities in VISA Client. In FERA program, make use of conformance process for target audiences and goals to meet Clients business needs. It involves Data Ingestion/migration as one of the phases in which the data is loaded from different source( SQL Server, Abinitio)  and loaded into Hive tables which are partitioned. These data loading happens into 2 phases namely Staging tables and target tables.

**Role:  Lead**

**Technical Responsibilities:**

* Working as a Lead and involved in requirements gathering and analysis and providing estimation.
* Participation in discussion with client calls on deliverables of the project.
* Involved in loading data from different External source system to hdfs via sqoop into hive staging /final tables.
* Involved in processing of Abinitio migration jobs to hive databases.
* Involved in performance tuning level at different sources by changing the config level parameter.
* Provided solution, designed &implemented of framework activities for Data migration & OOZIE
* Involved in performance tuning strategy and provided the performance benchmark of Hive/SQOOP

**Project Experience**

|  |  |
| --- | --- |
| Project Title | DEEP (Data Ecosystem & Engagement Platform) |
| Duration | Apr 2019– Jan 2021 |
| Client | XL Catlin |
| Environment | Linux, Big Data- Hadoop,  HDFS, Hive, SQOOP, Azure Cloud on HDP ,Ambari, Python (PyCharm), Netezza, Shell scripting, SPARK (Scala/Python), GIT, VSTS, OOZIE for scheduling, CI/CD, DATABRICS, BDM(10.2.2), BDQ, Denodo |
| Emulators | Tectia, SSH |

**Project Description:**

                    XL Catlin is the brand used by XL Group Ltd’s, insurance and reinsurance subsidiaries. These provide property, casualty, and professional and specialty products to industrial, commercial and professional firms, insurance companies and other enterprises throughout the world. XL Catlin’s insurance companies offer property, casualty, professional and specialty insurance products globally. XL Catlin’s reinsurance companies are among the world’s leading reinsurers. They offer products that include aerospace, property, casualty, marine and specialty.

                    Data Ecosystem & Engagement Platform( DEEP) in Azure Cloud on Hortonworks (HDP).  DEEP project within XL Catlin and their primary responsibility is data strategy of multiple sources and produce Analytical / Predictive model to address gaps or to identify potential opportunities in XL Catlin. In DEEP program, make use of conformance process for target audiences and goals to meet XL Catlin business needs. It involves Data Ingestion as one of the phases in which the data is loaded from  different source( SQL Server, Netezza, Spreadsheet data)  and loaded into Hive tables which are partitioned. These data loading happens into 2 phases namely Landing Zone (LZ) and Operation Zone(OZ).

**Role:  Lead**

**Technical Responsibilities:**

* Working as a Lead and involved in requirements gathering and analysis and providing estimation.
* Participation in discussion with client calls on deliverables of the project.
* Involved in loading data from different External source system to Azure cloud via sqoop into hive staging (Landing zone-LZ) and Final (Operational zone-OZ) tables.
* Involved in processing of unstructured (Excel, JSON) to Azure cloud and it is saving into hive LZ and OZ tables for different sources.
* Involved in processing of Denodo Workbench tool data to Azure cloud and it is saving into hive LZ and OZ tables .
* Involved in performance tuning level at different sources by changing the config level parameter.
* Provided solution, designed &implemented of framework activities for Data Ingestion & OOZIE polling within the script to overcome the multiple entries in oozie framework.
* Involved in the design of frameworks, OOZIE approach implemented in framework and E2E critical business scenarios and provided the quality delivery of the project
* Involved in performance tuning strategy and provided the performance benchmark of Hive/SQOOP/Spark on Azure Cloud.
* Supported to design, development, testing and production teams during solutions and designing.
* Provided the detailed demonstration to clients, stakeholders and feasibility analysis on the solutions.
* Groomed team on need basis in design, development and testing.
* Involved in weekly Status reporting.
* Involved and supported other project teams (Scrum, QA, Infra) in Agile Scrum model

Project Experience

|  |  |
| --- | --- |
| Project Title | Net Cool &Alarming |
| Duration | May 2018 – April  5th 2019 |
| Client | WINDSTREAM |
| Environment | Big Data- Hadoop, HDFS, Hive, NiFi, HBASE , Kafka, Shell scripts, SQOOP,oozie |
| Emulators | Putty, WinSCP , SSH |

 Project Description:

                            NetCool is a NMS – Network Monitoring System which has the alarms information in it. Currently BI team moving the data from Netcool using the DB2 to Exadata and generating the required reports.Current Project is trying to eliminate the cost involved in Exadata by changing the data flow from Netcool to Hadoop and generate the Reports from there. As a first step, we are moving the data from Netcool system to Hadoop echo system and enabled the Hive tables’ access to BI team to generate adhoc reports.

                   Netcool has the Kafka Plugin where Kafka is sending Netcool alarms data from Netcool systems to Hadoop landing via Nifi in the form of JSON file format. Nifi to transfer XML data and covert it in to JSON files from Kafka to Hadoop.Nifi  flow will be pushing the files to Hadoop on a streaming manner and files will be stored under the directories that will be auto generated on hourly manner.

**Role:  Senior Developer/Module Lead**

**Technical Responsibilities:**

* Participation in discussion with clients for requirements gathering and analysis and Atending daily scrum calls to give update on the work as module lead for the team.
* Involved in loading data from Kafka file system to Hadoop mount point via Nifi process.
* Developed and implemented Shell scripts to pick up hourly data from landing to hive-HBASE

staging tables.

* Developed Hive queries to process the data and generate the data queries to be consumed by analysts.
* Involved in Hive -HBASE performance tuning as well and in PHOENIX -HABSE table integration and tuning the HBASE level.
* Involved in SQOOP scripts preparation to loading historical data from source to mount point and process from staging to further.
* Monitoring the Kafka cluster by using apache Kafka manager and collected the metrics of Kafka topics level measures.
* Defined end-to-end process for code review, code promotions, integrating with other teams, which reduced the defects.
* Unit testing of new versions of frameworks and production bug fixes as well.
* Attending daily scrum calls to give update on the work as module lead for the team.
* Involved in delivery of assigned module/ components /phases of a project.
* Involved in Status reporting and Guiding the junior resource on the need basis.

Project Experience

|  |  |
| --- | --- |
| Project Title | DTNX Data Performance |
| Duration | February 2018 – May 2018 |
| Client | WINDSTREAM |
| Environment | UNIX shell scripting, HDFS, Hive, Nifi, ELK Stack, Ganglia, Grafana, Janus graph |
| Emulators | Putty, WinSCP , SSH |

**Project Description:**

The principle of DTNX data requirement is to extract all in scoped performance data into Hadoop, so we can build reports to get performance of the individual or other. It also delivering additional performance data for future projects. However, DTNX data also drives higher expectations for access to information about individual and collective devices journeys and actions taken by the organization.

**Role: Senior Developer**

**Technical Responsibilities:**

* Analysis of mapping sheet (Source to Target mappings) with Business.
* Involved in loading data from LINUX file system to HDFS via Nifi process.
* Scheduling of scripts using Cron jobs to run hourly
* Developed Hive queries to process the data and generate the data queries to be consumed by analysts.
* Exporting analyzed data to gremlin console to store the graph in graph database (in memory or HBASE).
* Created the Ganglia Monitoring cluster to monitor the nodes and performance of the cluster if it is required to take necessary actions.
* Created the Dashboards of DTNX PM metrics by using ELK STACK (Elastic search and Logstach and Kibana).
* Collected Client Requirements by participating in Meeting
* Involved in deployment activities for UNIX scripts

Project Experience

|  |  |
| --- | --- |
| Project Title | MCPM(Multi  Channel Prospect Management), CCUKA, Samknows |
| Duration | June 2017 –December 2017 |
| Client | VIRGIN MEDIA. |
| Environment | UNIX, HDFS, Hive, SQOOP, and  Control M, Aginity for Hadoop |
| Data Base | Netezza, oracle |
| Emulators | Putty, WinSCP , SSH |

**Project Description:**

                                  The principle of MCPM Phase 2/Strategic Solution requirement is to extract all in scoped Salesforce data into Hadoop, so we can build reports to gain insights on any slice of information for Prospect Management using QlikSense. It also includes delivering additional Salesforce data for future Prospect Management projects. However, Salesforce also drives higher expectations for access to information about individual and collective prospect journeys and the actions taken by the Sales organization to convert them (we call these insights).

**Role: Developer/Support**

**Responsibilities:**

* Analysis of mapping sheet (Source to Target mappings) with Business analyst.
* Involved in loading data from LINUX file system to HDFS.
* Developed Hive queries to process the data and generate the data queries to be consumed by analysts.
* Developed and implemented the Incremental logic design for various stages of data load.
* Exporting analyzed data to relational databases (Netezza/oracle) using SQOOP.
* Analyzed SQOOP scripts for importing data into to Hadoop environment.
* Monitoring the Ambari tool if it is required to take necessary actions on the alerts messages.
* Attended daily status meeting with Lead.
* Prepared knowledge document for newly occurring issues.
* Guiding the junior resource on the need basis.
* Daily calls with client to resolve the incident.

Project Experience

|  |  |
| --- | --- |
| Project Title | AML -Citi Cards – Transaction Monitoring |
| Duration | January 2016 – March 2017 |
| Client | CITI group. |
| Environment | HDFS, Hive, Mapping Document, Oozie, Linux, OFSAA and SQOOP |
| Data Base | Oracle 11g,Teradata |
| Emulators | Putty, WinSCP, SSH |

**Project Description:**

The AML Cards is the general term applied to the core engine that detects the money laundering activities done from customer end.

                           CITI Bank required enhance monitoring of businesses, including Cards issuing and Merchant Acquiring by developing a globally consistent Cards AML (Anti Money Laundering) Transaction Monitoring (TM) model for Credit Cards. Data received from various sources is segregated and processed through different stages such as L1 to L3 using the OFSAA (Oracle Financial Services Analytical Applications) tool and oozie scheduler Jobs. Processed data at different stages is stored in target tables like Customer, Account, Card, Transaction, Payment and Authorization for easy ingestion.

**Role: Developer**

**Responsibilities:**

* Analysis of mapping sheet ( Source to Target mappings ) with Business analyst
* Involved in loading data from LINUX file system to HDFS.
* Developed Hive queries to process the data and generate the data queries to be consumed by analysts.
* Developed and implemented the Incremental logic design for various stages of data load.
* Exporting analyzed data to relational databases using SQOOP.
* Analyzed SQOOP scripts for importing data into to Hadoop environment.
* Design, Development, Unit testing and End to end Implementation in DEV, SIT and UAT environment.
* Document technical and business requirements
* Verify that project deliverables meet the requirements

Project Experience

|  |  |
| --- | --- |
| Project Title | CitiDirect  BAU |
| Duration | Feb 2012 – Dec 2015 |
| Client | Citi Bank, US |
| Environment | Core Java,CASA Framework,Team Track,HPQC ALM |
| Data Base | Oracle 10i/11g |

**Project Description:**

                                        Citidirect (CASA Framework) Online Banking centralizes corporate banking functions in a single point of access to Citigroup's suite of advanced cash management solutions and gives authorized users access to accounts and critical information in an easy-to-use, secure web-based environment. Citi direct provides a web-enabled customer front-end for e-business products of Payments and Reporting, File Delivery, Global Trade, Receivables, Netting and Liquidity.

Payments: Payment refers to the transfer of funds from one party (such as a person or company) to another which involves Ordering party, Beneficiary and ordering institution with different product type like Fund Transfer, Book Transfer, Cross Border Fund Transfer and cheques.

 Reports: The primary business requirement for the reporting framework is to ensure that the customer has a consistent reporting toolset that covers all the methods for reporting with consistent navigation, look and feel, across all product groupings.  Generically, the framework will support the functionality to execute, schedule, view, print and customize reports.

**Role: Developer**

**Responsibilities:**

* Working as a Developer for Reports and Inquiries module and involved in Requirement Gathering, Analysis, Design and Implementation.
* Responsible for the technical design, development, unit and integration testing.
* Understanding the customer requirements, mapping them to functional requirements and creating Requirement Specifications Document.
* Developed new fields for Customized report through CitiDirect application as per Banking Regulatory Rules.
* Closely working with management & leads to identify and mitigate the risks identified.
* Documents prepared and reports generated for all the working sections.
* Coordinating with onsite regarding requirements understanding and clarifications for implementing the same.

Personnel Summary

              Marital Status                                  : Married

Nationality                                         : Indian

Father Name                                     : Ramakrishna K

Languages Known                           : English, Tamil, Telugu

Declaration

I hereby declare that the information furnished above is correct to the best of my knowledge and belief.

Place : Chennai (Narayana. K)

Date: