**Kodhati V**

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London, UK

**Professional Summary:**

* Skilled IT professional with 9+ years IT experience, looking for a position in areas of **Software Configuration Management, Version Control, Build and Release management, Change management, Cloud Integration**.
* Well versed with deadline pressures, superior analytical, time - management, collaboration, communication and problem-solving skills.
* 3+ years of experience in providing solutions for Big data using **Hadoop, HDFS, MapReduce, HIVE, Apache PIG, SQOOP, FLUME**
* Experience developing, implementing, and refining data engineering solutions for huge volumes of data.
* Experience in developing **Spark** applications with **Scala**
* Having good knowledge on **Spark** (RDD), **SparkSQL, Spark Streaming, MLlib** and its working functionality.
* Experience in optimization of MapReduce algorithm using Combiners and Partitioners to deliver best results.
* Extending **Hive** and **Pig** core functionality by writing custom UDFs.
* Excellent understanding of Hadoop architecture and its underlying framework
* Experience in creating and designing HIVE external tables, writing HIVE queries
* Experience in building PIG scripts to extract, load and transform data into HDFS for processing
* Excellent understanding in HBase architecture and creating **HBase** tables and column families
* Worked on **Performance Tuning** of Hadoop jobs by applying techniques such as Map side joins, Partitioning and Bucketing
* Experience in importing and exporting data using Sqoop from Relational Database Systems (RDBMS) to HDFS and vice-versa
* Created HIVE tables as per requirement whether internal or external defined with appropriate static and dynamic partitions, intended for efficiency.
* Used **OOZIE** workflow engine to manage interdependent Hadoop jobs and to automate several types of Hadoop jobs such as Java map reduce, Hive, Sqoop as well as System specific jobs
* Experience in **Linux System Administration, Build Engineering & Release Management process**, including end-to- end code configuration,**building binaries & deployments** and entire life cycle model in Enterprise Applications.
* Skilled at Software Development Life Cycles and Agile Programming Methodologies.
* Trained on **Jenkins, Hudson as Continuous Integration / Continuous Deployment Tool** and strong expertise with Ant and Maven Build Frameworks.
* Experience with **SaaS** (Software as a Service), **PaaS** (Platform as a Service), and **IaaS** (Infrastructure as a Service) solutions.
* Hands on experience in AWS provisioning and good knowledge of **AWS services** like **EC2, S3, Glacier, ELB, RDS, Redshift, IAM, Route 53, VPC, Subnet,Routing,Auto scaling, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups**.
* Skilled in monitoring servers using **Nagios, Cloud watch**
* Created tagging standards for proper identification and ownership of **EC2 instances** and other AWS resources.
* Excellent knowledge of **Hadoop integration** with Enterprise BI tools.
* Ability in development and execution of **XML, Ruby, Shell Scripts and Perl Scripts, Power shell, Batch scripts and Bash** also.
* Worked with different Bug tracking tools like **JIRA, Remedy and Bugzilla**.
* Used **Kubernetes** to deploy scale, load balance, scale and manage docker containers with multiple namespaced versions.

**TECHNICAL SKILLS:**

**Cloud/Virtualization Technologies:**Amazon Web Services (AWS), Microsoft Azure

**Big Data tools:** Sqoop, Kafka, Flume, HDFS, Yarn, MapReduce, Spark, Scala, HBase

**Version Control Tools:**Visual SVN, Tortoise SVN, GIT

**Build Tools:**ANT, MAVEN, Artifactory

**Databases:**Oracle, MongoDB, Cassandra, Postgres SQL, SQL Server, No SQL.

**CI Tools:**Jenkins, Hudson

**Config Management Tools:**Puppet, Chef, Ansible, Docker

**Bug/Issue Tracking:**JIRA, Rally, Fisheye, Remedy, ServiceNow

**Web/ Application Servers:**Apache Tomcat, Web logic

**Operating Systems:**Windows Family, Redhat Enterprise Linux, Ubuntu, CentOS

**Scripting/Programing Languages:**Perl, shell, Ruby, Python, C, SQL, Java Script

**Web Services:**SOAP, REST

**ETL Tools**: Informatica, Oracle Data Integrator (ODI)

**Reporting tools**: OBIEE, Tableau

**Other Tools:**Putty, Nagios, ClearCase,Confluence

**Certifications:**

Certified in **CCA Hadoop and Spark Developer**

Aws Certified **Solution Architect**

Aws Certified **DevOps Engineer**

**PROFESSIONAL EXPERIENCE:**

**British Telecom (Parent Company: Tech Mahindra)**

**London, UK, Dec 2016 – Nov 2018**

**Big Data Consultant**

* Installing Hadoop in Linux environment.
* Deployment in a Hadoop cluster and its maintenance.
* Administered the big data Hadoop clusters in Test and PRODUCTION environments
* Health check of a **Hadoop cluster** monitoring whether it is up and running all the time.
* Analyze the storage data volume and allocating the space in HDFS.
* Resource management in a cluster environment. This involves new node creation and removal of unused ones.
* Configuring Name Node to ensure its high availability
* Implementing and administering Hadoop infrastructure on an ongoing basis.
* Required hardware and software deployment in Hadoop environment. Furthermore, to expanding of existing environments.
* Responsible for building scalable distributed data solutions using **Hadoop**
* Configured **Flume** agents to extract data from source and to store it in Hadoop DFS
* Developed Spark scripts by using Scala as per the requirement
* Created **Spark** jobs for data cleaning and transformations
* Developed **Scala** scripts, using both Data frames and **RDD** for querying data and aggregation
* Developed Scala functions for processing of data
* Wrote PIG scripts for data manipulation and further processed it to the desired output
* Performed various **Hive** commands to analyse the data
* Created Hive external tables to load and query the table content for desired output
* Worked on almost all of Hive DDL and DML commands for data manipulation to process them further
* Used Oozie to automate/schedule business workflows which invoke Sqoop, MapReduce jobs
* Developed Hive queries to process the data and generate the data for visualizing
* Trained on **Jenkins, Hudson as Continuous Integration / Continuous Deployment Tool** and strong expertise with Ant and Maven Build Frameworks
* Trained on DevOps tools like **Puppet, Chef, Ansible, Docker, Maven**

**Environment:**Git, Sqoop, Kafka, Spark, Scala, SparkSQL, Spark Streaming,Hive,Oozie, ZooKeeper,YARN,HDFS,MapReduce,AWS, Shell scripting, Apache Tomcat, chef, Logstash, Kibana, Docker, Kubernetes, ClearCase, VM, REST and python.

**WILSONART (Parent company: Tech Mahindra)**

**Austin, USA, Jun 2015 – Dec 2016**

**ODI and OBIEE Lead**

* Requirements Gathering and Business Analysis. Project coordination, End User meetings
* Development and design of ODI 12C interface flow for Upload / Download files
* Responsible for designing, developing, and testing of the ETL (Extract, Transformation and Load) strategy to populate the data from various source systems (Flat files, Oracle) feeds using ODI 12c CDC
* Consolidated data from different systems to load Constellation Planning Data Warehouse using ODI interfaces and procedures
* Develop packages for the ODI objects and scheduled them as scenarios
* Defined ETL architecture for integrating data at real time and batch processing to populate the Warehouse and implemented it using Oracle Data Integrator Enterprise Edition.
* Support in full legacy to ODI data conversion and Integration task
* Translated business requirements into technical specifications to build the Enterprise Data Warehouse
* Involved in system study analysis for logical/physical data model there by defining strategy for implementing **Star Schema** with Fact and Dimension tables
* Responsible for configuration of Master and Work Repository on Oracle
* Worked on ODI Designer for designing the interfaces, defining the data stores, interfaces and packages, modify the **ODI Knowledge Modules**. Created ODI Packages, Jobs of various complexities and automated process data flow.
* Responsible for designing, developing and testing of the ETL strategy to populate the data from various source systems (Flat files, SQL Server and Oracle).
* Created Repositories, Agent, Contexts and both of Physical & Logical Schema in Topology Manager for all the source and target schemas.
* Installing **ODI 11.1.1.7** on all the environments and configuring ODI.
* Testing the newly upgraded **ODI 11G and ODI 12C** fixing issues related to upgrading and running ODI jobs as per schedule
* Created ODIProcedure,ODI Package, ODI Variables, ODI Scenarios, , ODI Functions, ODI Mappings, ODI LoadPlans
* Created PL/SQL stored procedures, functions and triggers for change data capture (CDC).
* Implemented CDC through ODI Journalization Knowledge Modules (KMs).
* Developed Expressions, filter, joins,Split,Variables,user functions Using ODI.
* Developed interfaces to load the data from flat files, SQL Server,Oracle to stage and from stage to Oracle.
* Improved the Performance of the ODI interfaces.
* Implemented and configured **OBIEE** in Windows environment and integrate it with ORACLE data warehouse.
* Build the OBI repository (**RPD**) / metadata and define / create the subject areas where reporting and analysis are centered around.
* Worked on Oracle Enterprise Manager to activate and Deploy RPD.
* Configured Physical Layer - Import tables, Create Tables, add / change physical joins / keys.
* Configured Logical Layer - Create Logical tables / dimensions, columns, Create Logical Joins/keys, Set levels to support Drill-down, Aggregation / Sum over Columns.
* Configured Presentation Layer - Create Folders / sub-folders, Standard Queries for different User Groups.
* Create measures in Administration tool for the requirements using expression builder and calculation wizard and also created hierarchies and level-based measures for drilldown detail within Analytics Reports.
* Implemented the delivery of Agents using OBI Delivers to alert the associated teams.
* Implemented Object level security and data level security by Creating Users, Groups and giving the permissions in OBI / Siebel Analytics Administration Tool and verified the Permissions of the users in OBI / Siebel Analytics web.
* Extensively used Catalog Manager for migrating Web Catalog.
* Performance Tuning of Reports and made required changes to repository and database.

**Environment:**OBIEE 11g, ODI 11g, OBIA 11.1.1.7, Oracle Database, Confluence, Oracle E Business suite

**NCI (Parent Company: Tech Mahindra)**

**Houston, USA, Dec 2014 – Jun 2015**

**ODI 12C and Tableau 8 Developer**

* Installed ODI, Configured the J2EE Agent on WebLogic server. Set up the ODI connection with Oracle, MS SQL Server and flat files.
* Troubleshooted the ODI connection with oracle by fixing the tnsnames.ora file, TNS listener and DNS entries.
* Set up the Topology including physical architecture, logical architecture and context.
* Created new models for the data sources – flat files, Oracle.
* Did reverse engineering for the data sources and targets.
* Gathered Requirements and translated them into a technical solution by creating source to target mappings.
* Worked in the customer location (US, Texas) and Singely handedly delivered the ELT Solution to the customer
* Developed interfaces to load the data from flat files, oracle to Oracle.
* Scheduled the loads on a daily basis and monitored them.
* Did SQL and PL/SQL programming for ODI and oracle.
* Created PL/SQL stored procedures, functions and triggers.
* Developed interfaces for loading the lookup and transactional data.
* Installed and configured TOAD for Oracle.
* Created ODI packages, scenarios using interfaces, variables, procedure
* Used ODI commands like ODIFileMove, odiFileAppend, odiFilecopy etc
* Successfully completed the ELT UAT with minor issues and no of iteration to fix the issues are mostly 1
* Improved the performance of ODI interfaces.
* Optimized the knowledge modules to improve the functionality of the process.
* Performed unit and integration testing. Created various test scenarios to test the application.
* Delivered the assignments before the deadlines.
* Conducted code reviews and planned the knowledge transfer to client.

**Environment:**OBIEE 12c, ODI 12c, Tableau 8, OBIA 11.1.1.7, Oracle Database,Oracle E Business suite

**Estee Lauder (Parent company: Deloitte)**

**Paris, Europe Aug 2012 - Nov 2014**

**OBIEE / OBIA / Informatica and ODI Consultant**

* Participated in business requirement gathering through interactive sessions with Business Teams and DB Architect teams.
* Identified Facts and Dimensions according to the design specification.
* Interacted with Informatica Team and worked on developing many complex Informatica Objects (Workflows, Sessions, Mappings, Mapplets with various transformations i.e., expressions, XML, source qualifier, Filter, Look Up, Update strategy, Sequence, Aggregator, Sorter, application source qualifier, custom transformation, stored procedure) for performing the full, incremental loading and processing.
* Worked on Informatica Power center to load the source data into the target star schema.
* Extracted and customized the pre-built BI solutions of tables using **Oracle BI Apps 7.9.6.4** (HR Analytics)
* Worked on repository development, configured metadata objects (Subject Area, Table, and Column) and web catalog objects (Dashboards, Folders, Reports).
* Configured Physical Layer - Import tables, Create Tables, add / change physical joins / keys.
* Configured Logical Layer - Create Logical tables / dimensions, columns, Create Logical Joins/keys, Set levels to support Drill-down, Aggregation / Sum over Columns.
* Configured Presentation Layer - Create Folders / sub-folders, Standard Queries for different User Groups.
* Create measures in Administration tool for the requirements using expression builder and calculation wizard and also created hierarchies and level-based measures for drilldown detail within Analytics Reports.
* Implemented the delivery of Agents using OBI Delivers to alert the associated teams.
* Implemented Object level security and data level security by Creating Users, Groups and giving the permissions in OBI / Siebel Analytics Administration Tool and verified the Permissions of the users in OBI / Siebel Analytics web.
* Involved in universe designing like creating cascading prompts, nested prompts for ad-hoc reports.
* Performed Pre and post implementation testing of Dashboard, Answers and validating Repository.
* Closely worked with ETL team to configure Informatica connections, source DB connection and target DB connection in **DAC**.
* Knowledge on configuring new customized mappings and work flows in DAC for new customized subject area.
* Experience in configuring DAC to run nightly data loads on daily basis.
* Created reports using **BI Publisher** on MS Word and Excel.
* Requirements analysis and preparing Design Document.
* Developing Construction after the design review.
* Involved in optimizing mappings And Monitoring Production system.
* Creating Sessions and Involved in writing Unit Test cases.
* Performed Incremental, and Full Refresh load.
* Defect Fixing for Development Issues using Debugger.
* Writing Implementation Plan to deploy mapping into production.
* Used Parameter File to change Customer Type easily via end-user request.
* Modifying Source Definition to reflect data warehouse and Sales data mart.
* Loading data from production to development to Generate Test Data.

**McDonald's (Parent Company: Cognizant Technology Solutions)**

**Hyderabad, India Aug 2010 – Jul 2012**

**OBIA Consultant**

* Capture and document Business Requirements from client conducting interviews and workshops.
* Closely worked with ETL team and supervised various Informatica Mappings using Mapping Designer that load the data from various sources, using different transformations like Source Qualifier, Expression, Lookup (Connected and Unconnected), Aggregator, Update Strategy, Joiner, Filter, and Sorter transformations.
* Used Workflow Manager for Creating, Validating, Testing and running the sequential, parallel, and initial and Incremental Load.
* Knowledge on using Debugger within the Mapping Designer to test the data flow between source and target and to troubleshoot the invalid mappings.
* Extracted the pre-built BI solutions of tables using Oracle BI Apps 7.9.6.(Marketing Analytics)
* Implemented and configured OBIEE in Windows environment and integrate it with ORACLE data warehouse.
* Build the OBI repository (RPD) / metadata and define / create the subject areas where reporting and analysis are centered around.
* Construct data visibility and security rules and implement them within OBI / Siebel Analytics to provide record-level, team-based and group-based security into the Data warehouse.
* Worked with client to define corporate Key Performance Indicators, business intelligence corporate strategy and roadmap.
* Created, modified and administered analytics intelligence interactive dashboards, answers with embedded content, such as images, text, charts, and tables.
* Design, configure, and document logical and Physical Data Models, Presentation Layer including administrator functionality.
* Create Oracle BI metadata in the analytics repository with Oracle BI Administration Tool. Implemented Multi-User Development (MUD) in Production.
* Create dimension hierarchies to achieve the drill down functionality.
* Implemented caching to increase performance.
* Develop Test Plan including test scripts for Unit, System, and User Acceptance Testing including resolution of bugs.
* Observed configuring **DAC** environment created and scheduled execution plans.
* Involved in adding all the newly developed Dimension, General, Aggregate and Fact tables in to DAC and creation of new Subject Areas.
* Highly Involved in performance tuning of Aggregate tables and reduced the loading time for sources having huge number of records.

**DECLARATION:**

I hereby declare that the information furnished above is true to the best of my knowledge.

Place: London

Venkat Kodhati

Date: