**Haritha**

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**Professional Summary:**

* Over 7+ years have experience **Abintio, SQl and unix** shell scripting for data warehouse environments.
* 1 yrs Experience in **Tableau tool** in latest Design and Presentation.
* Work in a globally distributed team that will deliver Business driven projects and IT solutions for Data & ETL requirements for Insights and non-Insights spaces.
* Adhered to local development guidelines, standards, best practices and procedures as well as SDLC.
* Analyze requirements and develop **ETL/BI** reports with minimal supervision.
* Design and develop BI programs with consideration to data quality, data integrity and performance.
* Productionize the **ETL** changes by going through the review and approval processes by interfacing with different teams like engineering, operations and DBAs.
* Provide support to the Business in adhoc query space.
* Interface with the business team and business analysts, support **QA & UAT** Testing, deployment, and Level 3 support for **Data & ETL.**
* I worked on **DQE (Data Quality Environment)** to report the data quality checks in the data.
* I have knowledge on **business rule Eviroment (BRE)** to generate transformation.
* Building, publishing customized interactive reports and dashboards, report scheduling using **Tableau server.**
* Excellent knowledge of and experience with data warehousing/data marts concepts and practices viz. **Abinitio and Sqoop is** a must.
* Experience in **BigData technologies** like **Hadoop, Sqoop, Hive, and HDFS.**
* Excellent communication skills, both written and verbal.
* Manage scheduling **(using Tivoli),** support, tools and maintenance of integration processes.
* Experience in integration of various data sources such as **flat files, ASCII, EBCDIC, Unicode and XML files, DB tables etc.**
* Ability to co-ordinate effectively with development team, business partners, end users and management.
* Experience in Banking and card applications along with insurance applications.
* Highly experienced in working Onshore-offshore model. Has extensive experience as Lead coordinating with 7 member offshore team to deliver client projects.

**Technical Skills:**

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| **Technology Specialization** | Ab initio GDE 1.14 & 3.2.2, Co-operating System 2.14 & 2.5, Big data Sqoop ETL, HDFS, Tableau, DQE Express>it, ACE, BRE, Metadata Hub |
| **Operating Systems** | UNIX, LINUX |
| **Scripting** | Shell scripting |
| **Database Technologies** | db2, Oracle 9, 10g, SQL server |
| **Tools/Utilities/Packaged Software** | PL/SQL Developer, Toad, Control -M, Tivoli Scheduler, HP Quality Center, Microsoft Office Tools (WinWord, Excel, Project, PowerPoint, Visio, Internet Explorer). |

**Professional Experience:**

**Client: Comerica Bank, Brea, CA. Aug 17 – Till Date**

**Role: Abinitio Developer**

**Responsibilities:**

* Gathering requirements, design and implementation of data extracts, transformations and reporting between various interfaces across the landscape, using **Ab Initio integration framework,** implementing change requests and maintenance tasks.
* Developed Generic graphs for data cleansing, data validation and data transformation.
* Involved in developing totally metadata driven architecture.
* Involved in creating detail data flows with source and target mappings and convert data requirements into low level design templates.
* Worked with Departition Components like Concatenate, Gather, Interleave and merge in order to departition and repartition data from Multi-files accordingly.
* Worked with Partition Components like Partition-by-key, Partition-by-expression, and partition-by-Round Robin to partition the data from serial file.
* Worked on Big Data Hadoop cluster implementation and data integration in developing large-scale system software.
* Using Metadata Importer for importing Metadata from an EME Technical Repository and other sources like ETL tools (Abinitio), reporting tools (**Tableau, Sqoop etc)** and databases **(Oracle, DB2 etc.).**
* Worked on improving the performance of **Ab Initio graphs** by employing **Ab Initio performance components** like Lookups (instead of joins), In-Memory Joins, and Rollup and Scan components to speed up execution of the graphs.
* Tuned the Graphs by creating Lookup files, Memory sort and Max-core parameters for maximum usage of cache memory and to enhance the performance.
* Importing the Erwin Logical and Erwin UDPs Feeds for the Logical Models.
* Importing the **EME Datasets and EME Graph** Imports for building the Data Lineage.
* Importing the **EME Datasets and Data Profiler** results from EME to Technical Repository to show up the results in the Metadata portal.
* Importing the Business Data Definition Matrix feeds.
* Built generic applications in **Ab-Inito ACE (Application Configuration environment)** which can be dynamically modified by Business Analysts.
* Built re-usable transformation rules using **Ab Initio BRE (Business Rules Environment) to** help business analysts validate and plug the generated transformations in the graphs.
* Developed dynamic graphs to load data from data sources into tables and to parse records.

**Environment:** Ab Initio, Metadata Hub, ACE>BRE,Tivoli, EME, Tableau, Oracle, DB2, Linux

**Client: Ally Financials, Detroit, MI. Jun 16 – Jul 17**

**Role: Abinitio Developer**

**Responsibilities:**

* Worked closely with the Business Analysts and Application Leads for Requirement study, Analysis and design of the application.
* Created low level design documents for various application processes.
* Developed **Ab Initio graphs** that transfer data from flat files to oracle data warehouse
* Extensively worked on most commonly used components to complex components like Scan, Rollup, Assign Keys, Partition, Departition, Sort, Join, Reformat components etc.
* Involved in developing Unix Korn Shell wrappers to run various **Ab Initio Scripts.**
* Developed different types of **Ab Initio Graphs** based on business requirements using various **Ab Initio Components** such as Partition, reformat, rollup, join, scan, normalize, gather, sort, dedup sorted etc.
* Used **Ab Initio’s** **Multifile systems** for improving heavy data loads.
* Migration of **Ab Initio Objects** from development to QA environment and prepared appropriate documentation for code move to QA and production environment.
* Involved in creating Hive Tables, loading with data and writing Hive queries which will invoke and run MapReduce jobs in the backend**.**
* Replicate operational table into staging tables, transform and load data into warehouse tables using **Ab Initio GDE.**
* Prepared Unit test plan, Unit test release for developed Graphs by using mapping documents.
* Modified **Ab Initio Graphs** according to the new modifications.
* Involved in end to end data validation by interacting with the business (UAT).
* Implemented Lookups, lookup local, In-Memory Joins and rollups to speed up various **AB Initio Graphs.**
* Created various **Ab Initio Multi File Systems (MFS)** to run graphs in parallel.
* Developed Data transformation, loading and extraction programs using **Ab Initio ETL tool.**
* Validating graphs, Performed unit testing, regression testing and integration testing.

**Environment:**Ab Initio, Oracle, IBM DB2, TOAD, Autosys, UNIX.

**Client: ALLSTATE, Chicago, IL. Feb 13 – May 16**

**Role: Abinitio Lead**

**Description:**

The Allstate Corporation is the second largest personal lines insurer in the United States and the largest that is publicly

held. Current Project “**Allbridge – Agency Pay**” is started with the objective of simplifying the agency pay system integrating functionality that is currently being carried through multiple systems. Working on Integrating All state

Financial Data with Integrated Customer Data across the All state Acquired Companies By decommissioning the Legacy

Systems. In Addition to that working on Agents Annual Bonus Metric Calculation.

**Responsibilities:**

* Involved in requirement analysis and designing the **Ab-initio** code changes for **Allbridge** system.
* Involved in converting all the graphs & scripts from **UNIX server to Linux server.**
* Involved in building interface between **EME and GDE.**
* Developed new graphs by using database, datasets, interchange, internet, metadata, partitioning, sort, transform, translate, validate, xml components based on the requirements from users and checking in the changed code in to **EME.**
* Primarily responsible for **EME** cleanup activities and version management for all the objects.
* Involved in changing the logic of all the **xfr’s** based on the lines of business.
* **Allbridge** has to allow new values for some deductible amounts based on new policies and new companies.
* Changing the code in the formats where the business of policies has changed.
* Working with outside partners to understand the data and impacts after disabling unwanted logic and how the new data flows.
* Create huge volume of files by using **sqoop and HDFS** to transfer files to upstream.
* Developing code in **xfr’s** by using math functions and adding rollup component to calculate the agent’s commissions based on the number and type of policies that customers have signed with them.
* Responsible for data quality check and generating reports for exceptional records.
* Involved in coordinating with downstream teams for processing the exceptional records.
* Cleaning up the redundant code in **ab-initio xfr’s** due policy discontinuation.
* Responsible for coordinate development activities with off shore team.
* Involved in defect resolution by using tools like **HP-QC.**
* Primarily responsible for Code Review and approval.
* Hosting daily status calls with Client and off shore team.
* Creating Scripts for new graphs and scheduling them with **Tivoli.**
* Export and Import data into **HDFS** and Hive using **Sqoop.**
* I worked on **DQE (Data Quality Environment)** to report the data quality checks in the data.
* Developed Tableau workbooks from multiple data sources using Data Blending.
* Created action filters, parameters and calculated sets for preparing dashboards and worksheets in **Tableau.**
* I extensively worked on Data profiler to analyze, improve and profile the input data.
* Production Support for **Allbridge and ADWAE.**
* Responsible for project delivery within the agreed schedule.
* Working with **SOX** partners to get **SOX** validation for the projects.
* Handling **QA** and Production Migration Activities.
* I have involved in hyper care activities for all the projects.

**Environment:** Abinitio, EME, HDFS, Sqoop, Tivoli, ACE>BRE, SOX, Tableau, HP Quality Center, Linux.

**Client: AMEX, Phoenix, AZ. Oct 12 – Jan 13**

**Role: Abinitio Developer**

**Description:**

The American Express Company, also known as Amex, is a multinational financial services corporation headquartered in New York City. As part of Amex team worked in Card’s & system SQP & GDFS teams. Primarily focused to send the demographic card information to EMEA BRIDGER team for filtration of black-market card members.

**Responsibilities:**

* Involving in Requirement’s gathering & high level design.
* Developing of **Ab Initio** graphs that run on a daily & weekly basis.
* Daily interaction with the Client for the requirements/development activates which will make development faster and helps in process improvement.
* Developing of graphs to generate the delta feeds and the files are transferred to downstream.
* Developing of **Ab Initio** graphs that runs on a monthly basis**.**
* Developing of Connect graphs that acts as a bridge to the downstream system’s load processing.
* Promoting the code changes to testing & production environments.
* Explaining the code changes to QC team and validating the QC test cases.
* Promoting the changes to production after getting all the required approvals in process.
* Providing the 60 days warranty and **KT** on the code changes to production support to keep supporting the new code changes.

**Environment:** Ab Initio, DB2, Cotrol-M, HP Quality Center, UNIX.

**Client: AMEX, Chennai, India. Mar 11 – Sep 12**

**Role: Abinitio Developer**

**Description:**

The American Express Company, also known as Amex, is a multinational financial services corporation headquartered in New York City. As part of Amex team worked in Card’s & system **SQP & GDFS** teams. Primarily focused to send the demographic card information to EMEA BRIDGER team for filtration of black-market card members.

**Responsibilities:**

* Involving in Requirement’s gathering & high level design.
* Developing of **Ab Initio** graphs that run on a daily & weekly basis.
* Daily interaction with the Client for the requirements/development activities, which will make development faster and helps in process improvement.
* Developing of graphs to generate the delta feeds and the files are transferred to downstream.
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* Promoting the changes to production after getting all the required approvals in process.
* Providing the 60 days warranty and **KT** on the code changes to production support to keep supporting the new code changes.

**Environment:** Ab Initio, DB2, HP Quality Center, Unix.

**Education:** Master of Computer Application,Jawaharlal Nehru Technological University, Hyderabad, India.

**References:** Will be provided upon request.