Naresh Chandra M.

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A highly motivated Software Developer with 8 plus years of overall software development experience providing data solutions in banking, finance and credit services domains.

* Good Experience in working in Agile (Scrum) and waterfall Methodology.
* Developed Ab initio graphs to extract data from various sources like database, input serial and multi files, flat files, CSV and excel files.
* Wrote complex SQL queries, which involved sub queries for data validation and data quality analysis.
* Worked with bigdata technologies such as Pyspark, HDFS and Hive.
* Good experience working with very large databases and Performance tuning.
* Well versed with air and m commands
* Good experience in using Microsoft products like MS Visio, Power Point and Excel.
* Eager to learn new technologies for developing new capabilities.
* Excellent Communication skills in interacting with various people of different levels on all projects and playing an active role in Business Analysis.
* Able to work in groups and independently with minimum supervision.

## Technical Skills:

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| Operating Systems | UNIX, LINUX |
| Methodology | Agile (Scrum), Waterfall. |
| ETL Tools | PySpark, Python, Ab Initio 4.0.1/3.5.1, 3.3.3and Co-op 3.5.2.0, 3.2.3.8 |
| Version Control | Git, EME, Bit Bucket. |
| Query languages | SQL. |
| Database | Oracle 12c /11g, AWS Redshift, Teradata, DB2, |
| Reporting Tools | Tableau |
| Scheduling tool | Autosys, IBM Workload scheduler, Control M, Control Centre. |
| Other Tool | HDFS, Hive, Dremio, Microsoft Azure DevOps. |

**Certifications:**

* AWS Developer Associate
* AWS Cloud Practitioner
* Microsoft Azure Fundamentals

**Work Experience:**

**TransUnion, TX** July 2022 - Present

**Senior ETL Developer**

* Interact with client stakeholders to understand the requirements to design scalable technical solutions.
* Co-ordinated with the business analysts and product managers to troubleshoot issues, manage capacity, and plan for the optimization of existing code.
* Contributed to the development of a scalable data lake architecture, leveraging PySpark and Hadoop technologies for efficient data storage and retrieval.
* Utilized PySpark and Spark SQL to conduct exploratory data analysis on various datasets, extracting actionable insights for business decision-making.
* Optimized PySpark jobs by tuning configurations, partitioning strategies, and leveraging broadcast variables, leading to a 25% improvement in job performance.
* Lead a POC to move data from oracle database to AWS Redshift.
* Architecture and Developed complex FICO Calculation process in Ab Initio.
* Resolved the production failures and implemented permanent fixes to resolve the issues.
* Developed complex Ab Initio graphs using various components such as Reformat, Join, Rollup, Partition by Key, Round Robin, Gather, Merge and Dedup sort.
* Developed Generic graphs for code reusage.
* Developed SQL Queries for business data validations and report generation.
* Performed unit testing and code reviews to make sure that code is designed efficiently and deployed to prod using Ansible templates.
* Used bitbucket for code source management and version control.

**CITI-** Greater Chicago AreaNov 2021 – June 2022

**Role: Ab Initio Developer**

* Interact with client stakeholders to understand the requirements to design scalable ETL solutions.
* Co-ordinated with the business resources to troubleshoot issues, manage capacity, and plan for the optimization of existing code.
* Developed Ab Initio ETL Framework to migrate data from Oracle tables to Central repository.
* Developed Unit test cases and performed Unit and integration testing in Staging, QA and UAT environments.
* Optimized the ETL workflows by identifying the bottlenecks in data integration process.
* Involved in altering large table structures and backfilling the data to reduce the space usage in database by 17%.
* Developed complicated graphs using various Ab Initio components such as Join, Rollup, Partition by Key, Round Robin, Gather, Merge and sort.
* Used SQL queries for data quality analysis and performed updates on tables as per business requests.

**Environment:** Ab Initio 4.0.1/3.5.1/3.2.5.1, Co-op 3.5.2.4/3.2.8, Oracle 12c/11g, SQL Developer, Tableau, Autosys.

**Discover Financial, Schaumburg, IL** Feb 2018 – Nov 2021

**ETL Consultant**

**Responsibilities:**

* Wrote complex SQL queries to provide ad hoc reports to business teams.
* Served as SME for the issue’s resolution with external vendors of monetary loss more than 2 million dollars.
* Worked on optimization of various graphs by converting them to run in multi way to reduce the jobs run time by 70 percent.
* Suggested area of improvements and reduced the overall batch run time by 30 percent.
* Participate in regular meetings with finance and accounting teams to understand the critical reports discrepancy of more than 6 million dollars and make sure that permanent resolution is implemented.
* Worked with external audit teams to provide information regarding the standards followed by application team.
* Worked with performance improvements of long running jobs and reduced the Job run time by 40 percent using parallelism techniques.
* Identified and replaced the usage of large multi files with table components to reduce the high server usage by 50 percent.
* Developed Ab initio graphs to extract structured data from various sources like oracle database, flat files and excel files.
* Debugged the failures from the log files and reran the jobs, by analyzing the reasons for failure within graphs.
* Created stage tables and developed merge queries for loading data into main tables.
* Supported the application for midnight critical installs and environment changes.
* Lead offshore team of 8 members and guided junior developers.
* Co-ordinated with various teams in rapid response calls to resolve environmental issues such as network failures, database connectivity and Linux server issues.
* Used customized components to mask critical risk data such as SSN, Birth date and Bank account numbers and performed end to end testing.
* Attended COP Meetings to discuss new technical developments and improve standards.
* Created flow diagrams using MS-Visio for different processes within the application.
* Created documentation for jobs functionality along with Instructions of how to handle abended jobs.
* Used Phases and check points for complex graphs to protect against failure and recover easily in case of graph failures.
* Worked on prod fixes and BAU’s to enhance the ab initio code as per the requirements.
* Automated jobs that involved manual activities from production support.
* Developed Ad hoc graphs for research analysis and to resolve the discrepancies between the business reports.
* Migrated the legacy Ab Initio ETL workflows to Pyspark framework and ran on Hadoop Cluster.

**Environment:** Ab Initio 4.0.1/3.5.1/3.2.5.1, Co-op 3.5.2.4/3.2.8, Oracle 12c/11g, SQL Developer, Tableau, IBM Cloud Workload scheduler, Service now

**Unified Tech Group Inc., Troy. MI** June 2016 – Feb 2018

**Ab Initio Developer**

**Responsibilities:**

* Participated in Business meetings to understand the business process and requirement gatherings.
* Attended daily scrum meetings to provide status updates for the user stories.
* Developed Ab initio graphs to extract data from various sources like database, input serial and multi files and excel files.
* Created training documents for the new users specifying the details of the Ab initio process.
* Developed generic graphs and created psets for reusability of code with common features.
* Developed and used sub-graphs to prevent redundancy of transformation usage and maintenance.

**Environment:** Ab Initio 3.2.5.1, Co-op 3.1.7.10, Oracle 11g, SQL Developer.

**Cloudnet Technologies- Hyderabad, India Mar 2013 – May 2014**

**[ETL Developer](https://www.linkedin.com/talent/search?origin=GLOBAL_SEARCH_HEADER&searchContextId=&searchHistoryId=&searchJobTitleText=ETL%20Developer&searchJobTitleUrn=&searchKeyword=&searchMemberId=&searchRequestId=&start=&uiOrigin=FACET_SEARCH)**

* Creation of Low-level design documentation from the High-level requirement from the business team.
* Creation of Unit test cases.
* Design and development of ETL processes using Informatica/Abinitio against variety data sources
* Troubleshooting and performance tuning of ETL jobs
* Handling Technical issues, Involving in Code reviews, mentoring the team members.