# [Lokikatta@gmail.com](mailto:Lokikatta@gmail.com)

Lokeswari Katta

# Sr. ETL DataStage Developer

**Professional Summary:**

* **Around 8 years of experience in Data warehousing in the areas of ETL Design and Development. Proficient in all stages of Software Development life cycle including System Analysis, Design, Development, Implementation, Production Support and Maintenance.**
* **Extensive experience in Extraction, Transformation and Loading (ETL) data from various sources using IBM Infosphere DataStage. Worked on DataStage client tools like DataStage Designer, DataStage Director, DataStage and DataStage Administrator.**
* **Strong understanding of the principles of Data Warehouse using fact tables, dimension tables and star/snowflake schema modeling.**
* Proficient in diagnosing and resolving technical issues at both L1 and L2 support levels, ensuring minimal downtime and maximum customer satisfaction.
* **Familiar in using highly scalable parallel processing infrastructure using parallel jobs.**
* **Experienced in scheduling sequence using DataStage Director, UNIX scripts.**
* **Worked extensively with Dimensional modeling, Data migration, Data cleansing, ETL Processes for data warehouses.**
* **Demonstrated strong customer service skills by providing timely and effective assistance to end-users, addressing their concerns, and maintaining high customer satisfaction scores.**
* **Used Enterprise Edition/Parallel Extender stages like Datasets, Sort, Remove Duplicate, Join, Lookup, Merge, Change Capture, Funnel, Row Generator and many other stages in accomplishing the ETL Coding**
* **Worked with and extracted data from various database sources Oracle 10g/9i, DB2, SQL Server, Teradata, Sequential files.**
* **Experience in troubleshooting of jobs and addressing production issues like performance tuning and enhancement.**
* Expertise in Unit testing, Integration testing, back-end testing and maintenance.
* Expert in performance analysis of the jobs, queries and performance enhancement and tuning of jobs.
* **Expertise in managing and prioritizing support tickets using ticketing systems, resulting in efficient issue resolution and adherence to SLAs (Service Level Agreements).**
* **Knowledge in using Erwin as a leading Data modeling tool for logical (LDM) and physical data model (PDM).**
* Worked on **Quality Stage** to cleanse the data. Used stages like Investigate, Standardize, Match, Survive, Transfer, Collapse, Sort, and Abbreviate.
* **Assisted in development efforts for DataMart’s and Reporting.**
* **Technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.**

**Technical Skills:**

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| **ETL Tools** | **IBM Info Sphere Data Stage 11.x/9.x/8.x (Designer, Director, Manager, Administrator)** |
| **Data Modeling** | **Data Modeling, Star Schema Modeling, Snow-Flake Modeling, Fact and Dimensions, Physical and Logical Data Modeling using Erwin.** |
| **Databases** | **Oracle 10g/9i, IBM DB2, Mainframes, Teradata, SQL Server, Control M** |
| **Tools** | **SQL Plus, SQL\*Loader, TOAD.** |
| **Operating system** | **IBM AIX, Unix/Linux, Windows** |
| **Languages** | **SQL, PL/SQL, Unix Shell Scripting, Java, HTML, DHTML** |
| **BI Reporting Tools** | **Business Objects, Cognos and Crystal Reports** |

**Professional Experience:**

**Comcast Telecommunications**

**Sr. DataStage Developer**  **Oct 21 - Present**

**Description**: Comcast is a global media and technology company. From the connectivity and platforms, they provide, to the content and experiences we create, we reach hundreds of millions of customers, viewers, and guests worldwide.

**Responsibility:**

* Responsible to work with business and power users and gather and understand business needs and translate them into technical specs.
* Responsible to create business, function and technical specifications.
* Worked on IBM DataStage to create ETL jobs to extract date from heterogeneous source systems.
* Designed and developed DataStage jobs to extract data from saleforce.com (SFDC and load into Data warehouse.
* Extensively worked on developing ETL jobs using DataStage Designer using stages like Salesforce.com stage, DB2 Connector, Oracle Connector Stage, Transformer, Join, Copy and Lookup stage, etc.
* Worked on creating DataStage Sequencers Jobs to sequence/order and to schedule jobs.
* Responsible to attend the scrum meetings as part of each sprint and report and track the real progress of the project.
* Extensively used the DataStage Director to actively monitor the DataStage parallel and sequence job logs and schedule them on a need basis.
* Responsible to create source to target (STT) mappings for conversion process.
* Perform Unit Testing and worked in documenting the ETL test plans, test cases, test scripts, and validations based on design specifications.
* Responsible to work on change control process to make the implementation smooth.

**Environment:** IBM Infosphere Server Suite 11.7 (Designer, Director and Administrator), Test Director, Control M, Oracle Exadata, DB2, SQL Server, Toad for Oracle, Windows 10, Visio.

**BNP Paribas Oct 2019 – Feb 2021**

**ETL Developer**

**Description**: BNP Paribas is a French multinational universal bank and financial services holding company. It was founded in 2000 from the merger of Banque National de Paris and Paribas.

**Responsibilities:**

* Extracted data from source systems transformed and loaded into Oracle database according to the required provision.
* Involved in system analysis, design, development, support and documentation.
* Created objects like tables, views, Materialized views procedures, packages using **Oracle tools** like PL/SQL, SQL\*Plus, SQL\*Loader and Handled Exceptions.
* Created views for hiding actual tables and to eliminate the complexity of the large queries.
* Created various indexes on tables to improve the performance by eliminating the full table scans.
* Involved in the DataStage Designer to develop processes for extracting, cleansing, transforming, integrating and loading data into Data Marts.
* Used Aggregator stages to sum the key performance indicators in decision support systems and for granularity required in DW.
* Used the DataStage Director and its run-time engine to schedule running the solution, testing and debugging its components, and monitoring the resulting executable versions on an ad hoc or scheduled basis.
* Implemented parallel extender jobs for better performance using stages like Join, Merge, Sort and Lookup, transformer with different source files complex flat files, **XML** files.
* Scheduled DataStage job using Autosys scheduling tool.
* Developed complex store procedures using input/output parameters, cursors, views, triggers and complex queries using temp tables and joins.
* Created shell script to run data stage jobs from UNIX and then schedule this script to run data stage jobs through scheduling tool.
* Developed Test Plan that included the scope of the release, entrance and exit criteria and overall test strategy. Created detailed Test Cases and Test sets and executed them manually.
* Solid experience in using **UNIX**and**IBM AIX** commands and writing **UNIX** **shell scripts.**
* Experienced in working with scheduling tool **Autosys**.
* Extensive experience in loading high volume data and **performance tuning**.

**Environment:** IBM Info Sphere Data Stage 11.3/9.1**,** Oracle 11/, Flat files, UNIX, SQL plus, SQL server, MS Visio.

**Johnson& Johnson Jun 2017 - Sep 2019**

**ETL Developer**

**Description:** Johnson & Johnson manufactures health care products and provides related services for the consumer, pharmaceutical, and medical devices markets. The Company sells products such as skin and hair products, over-the-counter-products, prescription pharmaceuticals, and surgical implants in countries around the world.

**Responsibilities:**

* Implemented reporting Data Warehouse with online transaction system data.
* Developed and maintained data warehouse for PSN project.
* Provided reports and publications to Third Parties for Royalty payments.
* Managed user account, groups, and workspace creation for different users in PowerCenter.
* Wrote complex UNIX/windows scripts for file transfers, emailing tasks from FTP/SFTP.
* Worked at conceptual/logical/physical data model level using Erwin according torequirements.
* Involved in exhaustive documentation for technical phase of the project and trainingmaterials for all data.
* management functionsUsed forward engineering approach for designing and creating databases for OLAP model.
* Conducted design walk through sessions with Business Intelligence team to ensure thatreporting requirements.
* Management Architecture involving OLTP, ODS and OLAP.
* Collaborated with ETL, BI and DBA teams to analyse and provide solutions to data issuesand other.
* challenges while implementing the OLAP model.
* Developed and maintained data dictionary to create metadata reports for technical andbusiness purposes.
* Created action plans to track identified open issues and action items related to the project.
* Migrated ETL code from Talend to Informatica. Involved in development, testing andpostproduction for theentire migration project.
* Tuned ETL jobs in the new environment after fully understanding the existing code.
* Maintained Talend admin console and provided quick assistance on production jobs.
* Involved in designing Business Objects universes and creating reports.
* Built ad hoc reports using stand-alone tables.
* Involved in creating and modifying new and existing Web Intelligence reports.
* Built reporting data warehouse from ERP system using Order Management, Invoice &amp,Service contracts.
* Extensive work in Informatica PowerCenter.
* Acted as SME for Data Warehouse related processes.
* Performed Data analysis for building Reporting Data Mart.

**Environment:** IBM WebSphere Information Server v8.7 (DataStage and Quality Stage Designer), Teradata, Oracle, SQL Server, Control-M, Micro Strategy, Tibco, Test Director, HP-UX, Windows.

**LIC (Life Insurance Corporation) Sep 2015 - May 2017**

**Data Engineer**

**Descriptions**: LIC is known as India's largest government-owned life insurance and investment corporation. The main role of LIC is to invest in global financial markets and different government securities after gathering funds from people through their various life insurance policies.

**Responsibilities:**

* Identified high-level components for the ETL program. Designed ETL components for Change requests.
* Involved in writing Functions and Procedures to load data from staging to warehouse and to Mart.
* Develop UNIX Shell scripts and schedule the jobs.
* Extensively used SQL and PL/SQL coding in DataStage jobs for processing data
* Wrote scripts to automate DataStage jobs on daily basis.
* Knowledge in Dimensional Modeling Techniques to create Dimensions and Fact tables using Erwin.
* Used Parallel Extender for distributing load among different processors by Implementing pipeline.

and partitioning of data in parallel extender.

* Involved in creating, administering repositories, Folders, Permissions
* Used ETL to extract and load data from Oracle, and Flat files to Oracle.
* Involved in writing lot of Functions, Stored Procedures.
* Created various transformations.
* Developed mapping to load data in slowly changing dimensions.
* Creating Relational Connections, Migrating the Mappings from Dev to Test and Test to Production
* Worked on Sequential files, Hash files, Transformer, in designing the ETL jobs.

**Environment:** IBM DataStage 8.5, PL/SQL, Erwin, Toad 7.0, and UNIX AIX, oracle.

# Educational Qualification:

## Trine University

### Master's Degree, Information Technology **2021 - 2023**