Satyanarayana Devalla v v

INFORMATICA IICS,DATASTAGE DATA ENGINEER

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SUMMARY

- overall around 10+ years of experience in IT and worked as ETL consultant in different Tools like Informatica IICS (cloud), Datastage, Alteryx, Qlikview
- Expertise and hands on experience to work on end-to-end product development, migration, and support in Informatica IICS and Datastage tools
- Having total 2 years of experience in Informatica power center.
- Having total 7 years of experience in Informatica IICS **Tool.**
- **Having 4 years of experience on Cloud Data Integration services**
- Having 5 years of experience on Cloud Application **Integration (CAI) services**
- Around 8 years of experience to implement product with IBM datastage tool
- **Experience in IICS Application Integration components like Processes, Service Connectors etc.**
- **Technically experience building data integration processes by constructing mappings, tasks, taskflows, schedules, and parameter files.**
- **Integrate CAI developed code into CAI as vice versa. Experience in**
- **implementing Application Integration (CAI) integrations vs. Data Integration (CDI) Mappings.**
- **Expertise in building business services using JSON files to call web services.**
- **Expertise to implement real time integration to avoid batch processing in IICS.**
- **Experience in IICS to integrate and pulls data from service-now and Jira tools.**
- **Strong technical skills in Mass ingestion,Synchronization, Replication Task in IICS.**
- **Experience in the integrate to pull data from on-premises databases like oracle ,Sql server to load into cloud based database like snowflake, postgresql database.**
- **Hands on experience on PWC to IICS migration project.**
- Hands on experience writing Unix Scripting to connect different tools like Mainframe, Linux, windows
- Experience on cloud Mass Ingestion
- Having 8 years experience on different database like oracle,sql server,DB2
- Hands on experience with data extraction techniques from Mainframe, Unix, Sql server, API web service
- Strong in trouble shooting both ETL and API connectivity and transactions pro-actively to report and resolve in no time
- Experience working AWS S3 cloud storage as source and target

SKILLS

- Agile Software Development
- Project Management
- Requirement Analysis
- Business Analysis
- Data Analytics
- Data Visualization
- Enterprise Application Integration
- Oracle, MySQL and SQL Server,snowflake
- Managing cross functional Teams
- Supporting Production Systems
- Building and Coaching Teams
- Business Domain Knowledge in manufacturing in automobile to process orders end to end and forecasting the material for supplier
- Informatica cloud Application integration
- IBM dastage
- Informatica cloud Data integration
- Excellent communication and interpersonal skills
- Ability to work in a team environment as well as independently
- Performance tuning of Informatica IICS processes
- Good knowledge of data warehousing concepts
- Design and develop ETL processes using Informatica IICS
- Ability to handle multiple tasks simultaneously and meet deadlines

COURSES

with IICS integration

- Pulling data from S3 bucket and load into SNOWFLAKE DB via Informatica CDI mapping
- Experience working with API/Web Services and application integration
- Experience setting up best practices for IICS Deployment
- Experience in integrating through both batch & real-time interfaces
- Experience working in at least three end-to-end implementations of IICS solution
- Highly proficient in Design, Development, Implementation ETL processes for Data Marts and large-scale Data Warehouses using Datastage PX 7.5x2 & 8.0.1 ETL tool
- Involved in troubleshooting of DataStage jobs and addressing issues like performance tuning
- Expert in Creation of Sequence jobs using Job Activity, Wait for File Activity, Exception Handler, Sequencer, Terminator Activity, Notification Activity etc
- Having good knowledge on ETL Data warehousing Concepts.
- Extracted Data, Transformed and Loaded (ETL) into Oracle, SQL Server databases according to the required provision using Datastage 7.5 X2,8.0.1
- Good knowledge in Database's oracle, Sql Server, DB2
- Experience in designing Data Marts and Data Warehouse using Star Schema and Snowflake Schema in implementing Decision Support Systems.
- Highly motivated and result oriented with strong technical, interpersonal and communication skills.
- Self-motivated, adaptive to new technologies with good communication skills.

- Learnt dbt ELT tool to support **Data science projects**

- Learnt Airflow Data pipeline tool personally

EXPERIENCE

ETL Data Engineer Lead

3K Technologies LLC for Optum Client   *Nov 2023 – Till now*
I worked as ICOE consultant and IICS senior developer to handle multiple projects in Optum projects.

ETL senior consultant

Ford India Pvt. Ltd   *Dec 2022 – Feb 2023*
I worked to manage the projects and act as scrum master and
Managing cross functional teams along with act as senior technical Analyst role

Senior Technical Analyst

Thirdware solutions   *Jun 2012 – Dec 2022*
I worked for Ford client in implement the project with Datastage tool
then worked on Informatica IICS and qlikview

Datastage consultant

Capgemini   *Aug 2011 – Jun 2012*
I worked on performance tuning project and development project on
Datastage tool

EDUCATION

Bachelor of commerce (computers) from Vinayaka Mission Sikkim University
Master of science (Information technology)from Mangalayatan University

KEY PROJECTS

ICOE — JIRA-DM (Demand Management)
Developer & SME Lead & ICOE consultant *Nov 2023 – till date*
Description:

The purpose the application to track the resource constraints and
capacity management of sanofi projects using JIRA data in DM
project

ROLES AND RESPONSIBILITIES:

- Design, develop and maintain Informatica cloud data integration
  processes using the appropriate data load techniques.
- Hands-on experience in IICS Data integration
- Data migration is implemented using Synchronization, Replication
  Task ,cloud mass intension to move data from on- premise to
  cloud based databases.
- provided required support in power center to IICS migration
- project.
- Expertise in building business services using JSON files to call web
  services.
- Knowledge of data extraction, transformation, and loading
  methodologies using various transformations.
- Experience in constructing mappings, tasks, task flows,
  schedules, and parameter files to build data integration processes.
- Ability to leverage and write architectural patterns, best practices,

GOTD – Global Operating Plan Volume Tool

Developer & SME Lead *Apr 2021 – Feb 2023*

Description:

The purpose the application forecast the plant volume based on plant capacity to build the Vehicles in across the regions and we use informatica to pull data from upstream system to apply business rules to load into Kinaxis RR tool which is in outside ford network

Build the application from scratch with Informatica IICS tool which works as middleware to process data between system to forecast the material to send supplier facing application

ROLES AND RESPONSIBILITIES:

- Design, develop and maintain Informatica cloud data integration processes using the appropriate data load techniques.
- Hands-on experience in IICS Data integration and Cloud Application integration.
- Data migration is implemented using Synchronization, Replication Task ,cloud mass intension to move data from on- premise to cloud based databases.
- Ability to build and connect API integrations using IICS.
- Proficiency in IICS Application Integration components such as Processes, Service Connectors, and Process Objects.
- Expertise in building business services using JSON files to call web services.
- Knowledge of data extraction, transformation, and loading methodologies using various transformations.
- Experience in constructing mappings, tasks, task flows, schedules, and parameter files to build data integration processes.
- Ability to leverage and write architectural patterns, best practices,

and guidelines for enterprise applications.

- Strong troubleshooting skills to resolve technical issues related to IICS.
- Collaborate with cross-functional teams to understand project requirements and deliver solutions that meet project needs.
- Contribute individually and take ownership of tasks and projects assigned.

GOTD – Material Forecasting

Senior Developer & SME Lead   *Jul 2017 – Feb 2023*

This is material forecasting application (OF) to forecast at part (Feature) level for future month for material availability for supplier.

Build the application from scratch with Informatica IICS tool which works as middleware to process data between system to forecast the material to send supplier facing application.

ROLES AND RESPONSIBILITIES:

- Build new project from scratch in July 2018 after successfully completed the POC.
- Discuss with business users to understand requirement
- Implemented data process in Data Integration and Application integration services
- Implemented real time integration to process by user instead of batch process
- Developed java code in IICS to connect systems which is not feasible to implement in informatica services
- Expertise to prepare Unix scripts to process the data in informatica IICS
- Integrate real time process for java related application to process the data directly to screens
- working with external parties like Kinaxis Rapid response team and deloitte team to get knowledge about Kinaxis product.

GOTD – Heatmap and Lincoln of China Business application

Developer & SME Lead   *Jul 2017 – Dec 2021*
ROLES AND RESPONSIBILITIES:

- Develop Dashboards with different style using Qlikview components like List Box, Slider, Buttons, charts, and Bookmarks.
- Implemented Star schema & snowflake schema (confirmed dimensions).
- Developed Linked Tables, Concatenation and solved the loops issues.
- Gathered & loaded data into Qlikview from various data sources (SQL SERVER 2005, Oracle 10g, .CSV and excel files).
- Created different types of sheet objects like List boxes, Buttons, Multibox.
- Sound knowledge of various functions of QlikView technology.
- Implemented Incremental Load to improve Load Time.
- Tested Applications, ensuring the application met the requirements, Data quality for Quality Assurance before delivering to the end users.

GOTD – System interface

ETL DataStage Developer   *Jan 2014 – Dec 2017*
DESCRIPTION:

This is newly developed project from scratch from gather requirement and build the application to connect systems and convert legacy data into global format which is required for downstream application. Main

aim of the project to maintain ford dealers from legacy format to global format to support Global order to delivery functionality.

ROLES AND RESPONSIBILITIES:

- Involved to get new project creation
- working with business partners to build mapping sheets and functional documents
- Involved in functional testing
- build the solution end to end
- Integrate with Autosys to schedule the jobs
- Supported this application till 2021 to fix the issues.

Ford – Porting center (Tech Refresh)
ETL consultant   *Jul 2012 – Dec 2013*
DESCRIPTION

This is Datastage migration project from 7.5 version to 8.1 version with all EDW projects in Ford without changing functionality in the system

ROLES AND RESPONSIBILITIES:

- Doing Enhancements & performance tuning.
- Enhance the code to change in project and implementing ETL code, Autosys   changes, Unix scripts in the Stage and Production Environments.
- Run the Autosys flow to ensure that the changes should not affect the current running flow.
- Get the approvals from the BDQ team and EAM team to implement the changes.
- After creating the Build for the changed jobs, we do the TAD process and assign the Work Orders to Respective teams.

Prepare Unit Test Cases and deploy in QA and PROD

HPCL DW & BI
ETL consultant   *Oct 2011 – Jun 2012*
ROLES AND RESPONSIBILITIES:

- Responsible for understanding Business Process and Mappings with Data Modelers to meet specific user requirements.
- Provided inputs on end-to-end design, acquisition, development, and implementation of the corporate data warehouse.
- Developed the data stages jobs for Increment loading, Dimension loading and Fact loading.
- Used different stages like ODBC, Sequential file, Aggregator, Transformer, Hash file in developing the DataStage jobs
- Created shared container for reusability code.
- Worked with DataStage Director for trouble shooting the DataStage jobs by understanding the events in job log views.
- Involved in Performance Tuning Techniques.
- Involved in Unit Testing, preparing Testing document.
- Used DataStage manager to migrate the jobs from developing environment to testing environment and production.

Prepared support document for knowledge transform

Business Intelligence-Data Warehouse
Datastage Developer   *Aug 2011 - Oct 2011*
DESCRIPTION:

This is a Small Business Enhancement stability project which is having issues like performance, Spider and source and target counts mismatch. it is a combination of multiple projects. Sources are DB2 and flat files. Target is DB2.

ROLES AND RESPONSIBILITIES:

- Doing Enhancements & performance tuning.
- Using HPSD, Creating the Request For Change (RFC) and WO(Work Orders) for Unprotect the project and implementing ETL code, Control-M changes, Unix scripts in the Stage and Production Environments.
- Run the control-M flow to ensure that the changes should not affect the current running flow.
- Get the approvals from the BDQ team and EAM team to implement the changes.
- After creating the Build for the changed jobs, we do the TAD process and assign the Work Orders to Respective teams.
- Prepare Unit Test Cases.