**.PURNA AJESH**

purnasnowflake@gmail.com

+1(972)-536-6064‬

<https://www.credly.com/badges/e0fa9f48-a679-4cc2-b9b7-966c81de3994>

<https://www.credly.com/badges/4c9e89cd-17e9-427d-845c-cbc945f5c5f0?source=linked_in_profile>

**SUMMARY:**

Highly Skilled snowflake Data architect with 4 years Experienced in Snowflake, 10+ experience in Informatica ETL with overall 17 years of experience designing, developing, and implementing ETL solutions in Star schema, snowflake schema. Skilled in data analysis, mapping, and transformation. Proficient in Informatica PowerCenter, SQL, and other Reporting tools experience such as Business objects, Power BI, and QlikView.

* SnowPro Architect, Core Certified with strong DB migration experience from on-premises to cloud
* Experience with Informatica Intelligent Cloud Services (IICS) load data to Snowflake.
* Hands on experience in planning, designing in on premise solutions Data warehouse, Business intelligence and Analytics and 2+ years hands on experience in architecting AWS cloud and Snowflake in providing exceptional technical design and willing to learn from the cloud industry to keep update to serve better.
* Experience in building Snowpipe, Streams, trigger tables to load data into data warehouse using Snowflake’s SnowSQL, Experience in using Snowflake Clone and Time Travel.
* Develop transformation logic using SnowPipe, Used COPY to bulk load the data.
* SnowSQL to Extract, Load and Transform data. Writing SQL queries against Snowflake.
* Expertise and excellent understanding of Snowflake with other data processing and reporting
* Experience in building Snowpipe, Sharing, Databases, Schemas & Table structures, Clone and Time Travel.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud, VPC Peering, transit gateway.
* Hands on Experience in data warehouse technical architectures, infrastructure components, ETL/ ELT and reporting/analytic tools and environments, data structures. Flexible and versatile to adapt to any new environment with a strong passion to keep pace with latest technologies.
* Extensive experience in data analysis and RCA& Diagnose and troubleshoot Snowflake database errors.
* Extensive experience as a Snowflake Data Architect, responsible for designing, implementing, and maintaining data infrastructure on the Snowflake platform.
* Proficient in designing and optimizing Snowflake databases, schemas, tables, views, and stored procedures to ensure high performance and data integrity.
* Experience in implementing the complex business rules by creating reusable transformations, developing complex mapplets and mappings, pl/sql stored procs.
* Develop, build & maintain mission critical centralized data platform using Snowflake.
* Implement Snowflake user /query log analysis and alerts.
* Possess experience in working on concurrent projects in very demanding and high-pressure situations.

**EDUCATION**

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| **Bachelor of Engineering, Electrical Engineering 2006** |  |

**CERTIFICATIONS**

* **SnowPro Architect Certification**
* SnowPro Core Certification
* AWS Certified Solutions Architect - Associate (SAA)
* SAP Certified Application Associate - SAP HANA 2.0

**EXPERIENCE:**

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| USAA – AML (Dallas, TX) Feb 2022 – Till Date  Snowflake-ETL Developer |

The project is related to laws or regulations designed to stop the practice of generating income through illegal actions. It involves in migrating the data from Netezza to Snowflake using DBT.

* Used DBT Cloud for Snowflake and loaded data to Snowflake.
* Developed ETL solutions as DBT ETL consultant for new enhancements & supporting daily data loads.
* Designed and implemented a scalable and high-performing Snowflake data warehouse architecture, ensuring efficient data storage, retrieval, and analysis for a large-scale enterprise
* Involved in Planning, Defining and Designing the data which need on business requirement and provided documentation.
* Implemented MATCH Path and MATCH Column and MATCH Rules in TAMR MDM ( Master Data management) to check effectiveness of data
* Consolidated data from various sources and loaded into master database using TAMR(Schema Mapping)
* Transformed data and Categorized it as per business rules using TAMR(Data Enrichment)
* Finally created an accurate and up to date Golden Master Data Record using TAMR(Data Mastering)
* Segregated and Consolidated Individual level data using TAMR MDM
* Created Relationship using Hierarchy Manager in TAMR MDM Hub Implementation.
* Implemented Match and Merge, Trust Validation Rules in TARM MDM to get right master records
* Strong Experience in migrating Teradata Stored Procedures to Snowflake
* Created Snow Pipe for Continuous data load
* Create a consumption-ready set of high-quality, trustworthy, and accessible data that people across an organization can use to solve business challenges.
* Expertise in SNOWFLAKE SQL and SNOWFLAKE Utilities and SNOWFLAKE Data Modeling
* Created Python Scripts which will be used to start and stop cloud tasks
* Involved in migrating data warehouse from Netezza to Snowflake Cloud.
* Created SnowPipe to load data from files as soon files are available in stage, continuous data ingestion.
* Created internal and external stage and transformed data during load, used COPY command to bulk load from an S3 bucket.
* Experience in using Snowflake Cloning databases, tables, and Time Travel to access historical data or to see data at any defined period.
* Extensively worked on loading, unloading data in snowflake, and designing tables, materialized views.
* Worked on Temporary tables, Transient tables, External tables, subqueries, CTE’s, Sequences in Snowflake.
* Experience in writing SnowSQL, to connect and execute SQL queries to perform DDL and DML operations, including loading data into and unloading data on snowflake.
* Collaborate with business analysts and data architects to understand data requirements and design data models and ETL mappings.
* Prepared Customer Data Platform for USAA\_Utilization, participated in data Segmentation for Customer 360 view.
* Develop and implement ETL best practices and standards to improve efficiency and accuracy.
* Troubleshoot ETL workflows and resolve issues to ensure data accuracy and completeness.
* Create and maintain technical documentation, including ETL design documents, test plans, and user guides.
* Fine-tuned the DW for better performance on Reporting tools like ThoughtSpot, PowerBI, and Tableau.
* Design ThoughtSpot artifacts (worksheets, searches and pinboards) that will help drive desired end-user experience.
* Experience with GIT, Azure Dev. Ops, or other code management tools.

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| Athenahealth (Dallas, TX) Mar 2021 – Feb 2022  Snowflake Architect|Informatica ETLData Engineer |

The project is related to laws or regulations designed to stop the practice of generating income through illegal actions. It involves in migrating the data from Netezza to Snowflake using Informatica.

**Responsibilities:**

* Implementing the data quality checks for Membership data, Providers data, and Medical Claims, Pharmacy Claims data.
* Used Informatica Cloud Connector for Snowflake and loaded data to Snowflake.
* Developed ETL solutions as ETL consultant (IICS) for new enhancements & supporting daily data loads.
* Develop business critical Informatica entities using IDMC.
* Designed and implemented a scalable and high-performing Snowflake data warehouse architecture, ensuring efficient data storage, retrieval, and analysis for a large-scale enterprise
* Involved in Planning, Defining and Designing the data which need on business requirement and provided documentation.
* Involved in migrating data warehouse from Teradata to Snowflake Cloud.
* Created SnowPipe to load data from files as soon files are available in stage, continuous data ingestion.
* Created internal and external stage and transformed data during load, used COPY command to bulk load from an S3 bucket.
* Experience in using Snowflake Cloning databases, tables, and Time Travel to access historical data or to see data at any defined period.
* Extensively worked on loading, unloading data in snowflake, and designing tables, materialized views.
* Worked on Temporary tables, Transient tables, External tables, subqueries, CTE’s, Sequences in Snowflake.
* Experience in writing SnowSQL, to connect and execute SQL queries to perform DDL and DML operations, including loading data into and unloading data on snowflake.
* Created Clustering keys on table and materialized view to improve performance of queries on large tables.
* Design and develop ETL workflows using Informatica PowerCenter to extract data from various source systems and load it into the target system.
* Collaborate with business analysts and data architects to understand data requirements and design data models and ETL mappings.
* Develop and implement ETL best practices and standards to improve efficiency and accuracy.
* Troubleshoot ETL workflows and resolve issues to ensure data accuracy and completeness.
* Create and maintain technical documentation, including ETL design documents, test plans, and user guides.

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| PepsiCo(VentasDCFLEXCloud migration ) (Dallas, TX) Jun 2020 – Mar 2021  Snowflake &Informatica ETLData Engineer |

PepsiCo Inc. is an American multinational food, snack and beverage corporation headquartered in New York, United States, with interests in the manufacturing, marketing, and distribution of grain-based snack foods, beverages, and other products.

**Responsibilities:-**

* Involved in Migrating Data from SAP HANA, SQL Server, and Teradata to Snowflake.
* Copy Clone Production data for code modifications and testing.Used Time traveled to recover missed data.
* Used Informatica as ETL and created JOBS and extracted data from HANA, SQL Server and loaded the data to Snowflake.
* Utilized extensively Informatica Cloud Connector for Snowflake to load data to Snowflake.
* Involved in Snowflake - Resource Monitoring - Setup
* Created a Snow pipes by using autoingest and loaded the data from AWS s3 buckets to Snowflake.
* Created Snow pipe for continuous data load with internal & external stage and transformed data.
* Worked with both Maximized and Auto-scale functionality.
* Developed data warehouse model in snowflake datasets using were Scape.
* Involved in testing Snowflake to understand best possible way to use the cloud resources.
* Support the business development lifecycle (Business Development, Capture, Solution Architect, Pricing and Proposal Development).
* Repointed webi reports, Tableau dashboards to Snowflake.

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| Environment: Snowflake ,AWS S3,EC2,Windows,SAP Business Objects Enterprise XI 4.x |

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| PepsiCo(Global BOBJ Sustain Project & Cloud migration ) (Chicago, IL) Jan 2018 – Jun 2020  AWS Cloud Data Engineer |Business Intelligence Engineer |

PepsiCo Inc. is an American multinational food, snack and beverage corporation headquartered in New York, United States, with interests in the manufacturing, marketing, and distribution of grain-based snack foods, beverages, and other products.

As part of cloud migration strategy Pepsi has chosen AWS to install Business objects 4.2 on EC2 and use AWS databases, Redshift, RDS (Sql Server) as sources for reports.

**Responsibilities:-**

* Design, implement and maintain all AWS infrastructure and services within a managed service environment for SAP BOBJ environment.
* Design, Deploy and maintain enterprise class security, network and systems management applications within an AWS environment
* Perform data migration from on premises environments into AWS
* Support the business development lifecycle (Business Development, Capture, Solution Architect, Pricing and Proposal Development)
* Strong knowledge of Amazon Kinesis, AWS Lambda, Amazon Simple Queue Service (Amazon SQS), Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Workflow Service (Amazon SWF).
* Experience in Architecting and securing the Infrastructure on AWS using IAM, KMS, Security Groups, and NACL etc.
* Used AWS Route 53 for configuring the High-Availability and Disaster recovery to make the environment up and running in case of any unexpected disaster.
* Maintained the user accounts (IAM), RDS, Route 53, VPC, RDB, Dynamo DB, SES, SQS and SNS services in AWS cloud.

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| Environment: AWS,EC2,Windows,SAP Business Objects Enterprise XI 4.x, Snowflake, RedShift |

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| PepsiCo(Global BOBJ upgrade) (Chicago, IL) Aug 2017 – Jan-2018  SAP BO Administrator |

PepsiCo Inc. is an American multinational food, snack and beverage corporation headquartered in New York, United States, with interests in the manufacturing, marketing, and distribution of grain-based snack foods, beverages, and other products.

**Responsibilities:-**

* Installation and Administration of SAP Business Objects Business Intelligence Platform 4.x and client tools on Windows Server and software products like Tomcat, and Apache load balancer (Clustered and Standalone environments).
* Validated the installation by checking the Applications, public folders, Reports in Personal folders, Groups, security, Scheduling and by creating some sample reports based on universe and BICS, PMT, Verified the remaining Business Objects installation works without any issues.
* Transferred CMS data from old BI 4.1 Sp4 Patch 12 to new version through DB repoint, BIAR File/live-to -live. Integrate SAP BW with SAP BI4.2 along with SSO.
* Clustering and Un-clustering different Business Objects servers, configuring, Deploying Tomcat web applications & Load balancing.
* Responsible for managing scope, planning, tracking, change control, aspects of the project.
* Served as a focal point to communicate and resolve interface and integration issues with other teams. Escalate issues, which cannot be resolved by the team. Provide guidance to the team based on management direction.

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| Environment: SAP Business Objects Enterprise XI 4.x,Explorer,Lumira,Analysis Office, Windows, SQL Server |

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| NV Energy (Las Vegas , NV) June 2017 – Aug 2017  SAP Business Objects Developer |

NV Energy is a public utility, which generates, transmits and distributes electric service in northern and southern Nevada. The project scope is to design and build reports for Program Managers, Project site managers, Business managers to track issues and give insights about billing and power utilization.

**Responsibilities:**

* Interacted with Business Users, Business owners to know their Business requirements in developing and modifying Universe, Reports and dashboards accordingly.
* Delegating work to other team member to reach the project deadlines and guiding them as mentor
* Troubleshoot errors for reports, dashboards, and universes. Fixed them to work as per the business needs.
* Created universe (using IDT), created Webi Reports and Dashboard.
* Extensive experience in Development, Testing, Documentation, Requirement analysis, End user documentation, Data extraction, Data modeling, Data loading, Reporting and Production Support.

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| Environment: SAP Business Objects Enterprise XI 4.x |

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| JPMorgan Chase (CCB BMO Data,Analytics and Reporting –Data Eco System) (Wilmington, DE) Mar 2016 – June 2017  Informatica Developer |

JPMorgan Chase (Chase bank) is a leading financial institution involved in personal and institutional banking, mortgages and banking. The project scope is to design and build reports for CIO,CIO-1,CEO,CEO-1,CTO,VP decision support to track regular projects status at Initiative Reporting Type, Initiative, Program, Project at Organization level as each associate .

**Responsibilities:**

* Design and develop ETL workflows using Informatica PowerCenter to extract data from various banking systems and load it into the target system.
* Collaborate with business analysts and data architects to understand data requirements and design data models and ETL mappings for a variety of banking projects, including regulatory reporting, risk management, and data warehousing.
* Develop and implement ETL best practices and standards to improve efficiency and accuracy in banking data integration.
* Troubleshoot ETL workflows and resolve issues to ensure data accuracy and completeness for regulatory compliance.
* Create and maintain technical documentation, including ETL design documents, test plans, and user guides for internal and external audits.

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| Environment: Informatica, SAP Business Objects Enterprise XI 4.x ,Oracle, SQL Server, Teradata |

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| PepsiCo(Global BOBJ upgrade) (Chicago, IL) Aug 2015 – Feb 2015  SAP BO Administrator |

PepsiCo Inc. is an American multinational food, snack and beverage corporation headquartered in New York, United States, with interests in the manufacturing, marketing, and distribution of grain-based snack foods, beverages, and other products.

Responsibilities:-

* Installation and Administration of SAP Business Objects Business Intelligence Platform 4.x and client tools on Windows Server and software products like Tomcat, and Apache load balancer (Clustered and Standalone environments).
* Validated the installation by checking the Applications, public folders, Reports in Personal folders, Groups, security, Scheduling and by creating some sample reports based on universe and BICS, PMT, Verified the remaining Business Objects installation works without any issues.

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| Environment: SAP HANA , SAP Business Objects Enterprise XI 4.x ,Oracle, SQL Server, Teradata |

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| eBay- PayPal (San Jose , CA)Feb-2015- Aug 15  SAP – Business Objects Report & BODS Developer |

eBay and PayPal are going their separate ways, with the payments company moving out from under the eBay umbrella to form its own, publicly-traded company. The both eBay and PayPal has been maintaining their SAP BI, BO, BW systems since long, so as both companies are strategically separating the whole BI has to split to eBay-BI and PayPal-BI.

Responsibilities:-

* Being SAP Consultant understand the existing system landscape and modifying the reports in BI system such that the report to work in both eBay and PayPal systems.
* Served as a focal point to communicate and resolve interface and integration issues with other teams.
* Modified Universe, modified reporting in Webi, Bex Reports for High-level reporting in BO Dashboards/Xcelsius to work for only PayPal.
* Created detailed documentation about the universe, dashboard, and Webi report modified.

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| Environment: SAP Business Objects Enterprise XI 4.x, BODS ,Windows, Oracle, SQL Server, HANA, SAP BW,BEX |

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| United Services Automobile Association (San Antonio, TX) Oct 2013 – Feb-2015  SAP – Business Objects Report&Dashboard Developer |

USAA (UNITED SERVICES AUTOMOBILE ASSOCIATION) is a worldwide insurance and diversified financial services family of companies. Product Management is a model that includes strategizing, conceiving, developing, introducing, managing, and marketing products.

**Responsibilities:**

* Being a SAP BO Consultant in the P&C reporting team responsible for detailed analysis requirements and areas of improvement, performing RCA about the pain areas and suggesting new solutions for reporting by resolving the complexity.
* Provide status reporting of team activities against the program plan or schedule.
* Keep the project manager and committee informed of task accomplishment, issues and status in Agile development methodology project
* Responsible for defining the scope of the project, gathering business requirements, doing gap analysis and documents them textually or within models.

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| Environment: SAP Business Objects Enterprise XI 4.x, BODS ,Windows, Oracle ,SQL Server, HANA, SAP BW, BEX |

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| Johnson Controls Inc(Global KPI Dashoards,Reports – Pilot) (Chennai,India) May 2013– Sep 2013  Business Objects Tech Lead |

Johnson Controls is a global diversified company in the building, Power solutions and automotive industries.

Global KPI is a strategic initiative of JCI to see their numbers effectively and efficiently throughout the globe and take the business effective decisions. JCI first time used SAP HANA as a database to project their data in dashboards.

**Responsibilities:**

* Gathering, Analyzing & Documenting business requirements, functional requirements and data specifications for Business Objects Universes and Reports
* Designed, Developed, Tested a prototype Universe, webi report and dashboard on SAP HANA Database
* Designed, developed, tested and supported reports in Web Intelligence and in creating Complex reports with multiple universes by merging the dimensions in the Web I documents.

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| Environment: SAP Business Objects BI 4.0,BO Dashboards, SAP HANA |

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| General Reinsurance (A subsidiary of Berkshire Hathaway Inc.)( Business Objects Upgradation) (Chennai,India) Analytics Administrator & Developer Jun2010– May 2013 |

General Reinsurance (GenRe) is one of the largest providers of re-insurance all over the world. Which does includes its business in Life& Health, Property & Causality. GenRe North America & International business users uses Business Objects for their BI reporting purpose.

**Responsibilities:**

* Participated in project planning sessions with project managers, business analysts and Team members to analyze business requirements and outline the proposed solution.
* Used Upgrade Management Tool and Life cycle Manager for the Migration process. Migrated users, Universes, Folders, Reports, Connections, Categories Profiles etc.
* Reporting, Informatica ETL Code Migration in promoting from Dev to UAT and Production Environments
* Extensive knowledge in architecture design of Extract, Transform, Load environment using Informatica Power Mart and Power Center

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| Environment: SAP Business Objects Enterprise, SAP BODS, Windows, Oracle 11i,informatica,sql server, Linux |

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| Andhra Sugars (One Platform) (Hyderabad, India) Mar08 – May 10  Business Objects reports Developer |

The company initially started production of raw sugar and refining the sugar and giving value added products by using natural resources. As a part of expansion the company concentrated on Organic & Inorganic Chemicals, Fertilizers, Bulk Drugs, and power etc.

**Responsibilities:**

* Analyze data processes to support the automation, efficiency and reporting Resolving tickets timely manner.
* Used Import wizard for the Migration process. Migrated users, universes, Folders, reports, Connections, Categories Profiles etc.
* Designing and building Universes, Classes and objects and defining the necessary connections
* Developed reports using Web Intelligence based on user requirements

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| Environment: SAP Business Objects Enterprise XI R2, Windows, Oracle 11i,sql server |

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| NTPC Limited (OLIMFAS) (Hyderabad, India) Oct 06 – Feb 08  Business Objects reports Developer |

National thermal Power station is one of the major power generation companies in India. It maintains all the finance, material management system in Ingres II. For financial reports to the end users the company uses Business Objects reports.

**Responsibilities:**

* Analyze data processes to support the automation, efficiency and reporting Resolving tickets timely manner.
* Created charts based web Intelligence documents, Created reports with break, sections, merging columns.
* Business Objects Enterprise environment setup, server installations, implementation, upgrades, Configured Report Servers, testing.

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| Environment: SAP Business Objects Enterprise XI R2, Windows, Oracle 11i,sql server |