**G. Shiva Priya**

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**Synopsis**

* Have 7.9 years of experience in IT (First 4 years as a Student Computer Applications -WASE – An Integrated M.Tech program provided by Wipro and the rest as an Employee in Wipro and NTT Data)
* Interested in cross-skilling for organization’s and self growth.
* Have experience in **SAS**, **Unix/Linux, Azure SQL DWH, Data vault, Matillion ETL, Azure Data Factory, AWS**
* **Snowflake DB,SQL DB,Power BI,Tableau,Integrated GIT with Matillion,Alteryx,Informatica.**
* Involved in Data Vault model building for a Data warehousing project. Used Vaultspeed tool for the same.
* From past 3.5Years working on **Matillion ETL tool**  which involves tasks like **constructing transformation/orchestration jobs, scheduling jobs, enhancements and deployments.**
* Involved in **Unit Testing and creating Detailed level Design Documentation** of all the development and Testing done.
* Have also worked as a SAS admin and involved in analyzing data issues in the beginning of my career. Got some hands-on development side as well.
* Used different tools like CA Service Desk, Service Now, Jira tool for acknowledging tickets and incidents.
* Have also been involved in Devops for creating tasks and some GIT related tasks
* Have done training on **Microsoft Azure Data Factory, Tableau, Power BI, Azure Databricks, Basic Python and have hands-on experience as part of cross-skilling myself.**
* **In Azure Data Factory went through concepts like Cloud services, Cloud Deployment Models, Blob storage, Linked services, Pipelines, Triggers, Integration runtime, VM.**
* **Have completed certification on Microsoft -AZ-900(Azure Fundamentals)**
* **Got certified on Matillion – Building a Data warehouse**
* **Have exposure to PowerBI Tool,Tableau**
* **Have hands-on on Snowflake DWH training and earned certification**
* Determined to work in projects related to cloud.
* Have the ability to work independently and work towards client success.

**Employment Details**

**Organization : NTT DATA**

**Designation :** Industry Consultant

**Tenure :** 12th Oct 2022 - Present

**Organization : WIPRO TECHNOLOGIES**

**Designation :** Software Engineer

**Tenure :**  22nd Dec 2016 **-** 9th Oct 2022

**Technical Skill SET**

**Applications :** SAS Applications, **Unix Environment**, **Datastage, Matillion, Vaultspeed,**

**Informatica, Alteryx**

**Tools** : CA Service Desk, Jira tool, ServiceNow, **Devops, DBeaver**

**Software** : MS Office

**Database** : **SQL, Azure Synapse,Snowflake**

**Cloud** : **Microsoft Azure,AWS**

**BI Tools : PowerBI,Tableau**

**Personal Skills**

**Strong Suit**  : Communication skills, Quick learner Ability to perform as a team member.

**Qualities** : Proactive, Confident and like taking up responsibilities.

**Attitude** : Positive, Friendly

**Preference** : To work as a team and to take up challenges.

**Professional Experience**

**Project #6:** Data Migration from On-Premise to Cloud  Oct 2022 - Till Present

**Client:** Solar Turbines

**Domain:** Manufacturing

**Environment / Technology**:  **Qlik,Matillion, Informatica, Alteryx, Snowflake,Tableau,Cognos**

**Description:**

Here the whole project was about migrating data from on-premise to Cloud. Different types of sources were involved like Blob Storages, Salesforce API, Oracle, Sharepoint,ERP. Data is being extracted.Usually the data is extracted from source and stored in the raw layer and later on the transformations are performed on the data using ETL and the final layer was used as the reporting layer.

**Responsibilities:**

* Involved in requirement gathering and analysis.
* Built various Transformation jobs and Orchestration jobs using Matillion.
* Enhancements made to existing jobs which were built in Informatica.
* Analyzing Alteryx and Informatica on source to target data pipelines to build the latest code in Matillion.
* Worked on Building Enterprise Data Warehouse transformations(EDW layer) and Data Mart transformations(DM layer)
* Performing data validations using Oracle and Snowflake DB.
* Performing Unit Testing and preparing Unit Test Document with each and every Test case required.
* Tracking all the changes while making any enhancements to avoid ambiguity during any kind of deployments.
* Involved in creation of Detailed level Design documents for ELT development and Testing
* Built end to end mappings to load data from Source to Target.
* Raising bugs in Devops incase of any while performing Testing.
* Creating Tasks to track daily productivity and trying to close all the tasks before time.
* Backtracking Report level / Dashboard level issues which are in Cognos/Tableau till backend code
* Testing EDW layer tables and DM level Tables.
* Involving in enhancement of code to optimize the performance.
* Debugging of Matillion code and in case of any application level issue, connecting with Support team.
* Involving in creating a Deployment document for the code to be deployed in a higher environment.

**Project #5:** Data Migration to Azure Cloud  May 2020 - Oct 2022

**Client:** Olympus Corporation

**Domain:** DAAI

**Environment and Technology**:  **Matillion, Azure Synapse (SSMS), Vaultspeed, SQL DBM,Power BI**

**Description:**

This project was all about complete build of an application and the final model is used by the customers in form of Reports. The data is extracted from various Enterprise systems like ERP,CRM,SCM and Finance systems like SFDC,HFM,ORACLE,SAP application across the globe to a common Cloud Analytics Platform.

Modelling Data lake, Data Vault, Data Marts and Semantic models on Microsoft Azure synapse database and Power BI. Designing/Maintaining/Deploying ETL Objects via Matillion on Azure.

**Responsibilities:**

* Involved in various tasks related to Data vault modeling.
* Setting up configurations/environment on Vaultspeed tool for the project.
* Worked on interface to prepare the data vault model according to the requirements.
* Deploying the automated scripts to the database.
* Configuring parameters for the ADF pipelines for the data vault scripts
* Making enhancements on the model as and when required.
* Monitoring the scheduled jobs
* Preparing documents related to parameters used, configurations, on the properties defined at table level etc, based up on the model
* Debugging issues encountered while implementing the code
* Actively connecting with the vendor till the issue is resolved.

Matillion tasks involved:

* Requirement gathering to implement logic for Business KPIs.
* Building transformation/orchestration jobs for data ingestion from different source system across multiple regions.
* Maintaining end-to-end flow of the ETL objects in which passes through different Zones.
* Optimizing the flows for improved system performance.
* Implementing CDC for delta loads.
* Enhancements made on the pipelines.
* Deploying the Scripts to higher environment.
* Maintaining the code in Azure Repo.
* Analyzing data for any data quality issues.
* Testing various features of the tools and following up with the tool vendor in case of any issue
* Creating test cases to test the data extracted from the source.
* Creating Source to Target Mapping/Technical mapping documents.
* Creating Deployment plans for the migration of DEV code to the higher environment.
* Scheduling flows in ADF for triggering jobs to avoid manual intervention.

**Project #4:** Data Migration to Azure Cloud  March 2020 - April 2020

**Client:** Aldar Properties PJSC

**Domain:** DAAI

**Environment and Technology**:  **Azure data factory, Azure Databricks, Azure SQL DWH**

**Description:**

Aldar Properties PJSC is the leading real estate developer in Abu Dhabi through its iconic developments. We have provided solutions for ALDAR with robust Analytical Platform for its Development and production Environment in the Azure Cloud. Also the proposed ideas are ALDAR-tailored as per the specific requirements of the individual solutions hosted on the Cloud.

**Responsibilities:**

* Worked on Azure Data Factory service to construct data copy activities from Sources.
* Involved in creating audit data pipelines with required data transformations and deploying them.
* Scheduling data pipelines according to the requirements and monitoring them.
* Using Azure Databricks performed some code transformations from SQL to Pyspark scripts and SparkSQL scripts
* Migrating the Databricks scripts and Pipelines from Development environment to Production environment.
* Also worked on some part of extracting data using APIs.

**Project #3:** DOT(Deployment Optimisation Tool)  Oct 2019-Feb 2020

**Client:** NPower

**Domain:** Energy and Utilities **Technology:** Statistical Analysis System(SAS)

**Role:** L1 SAS Support

**Environment and Technology**: **SAS,Unix**

**Description:**

NPower is the electric and gas supplier in some parts of UK. This deals with replacing the digital meters with smart metersbefore reaching 2024.It used SAS system for maintaining all the data related to customer details and transactions. Deployment Optimisation Tool(DOT) helps NPower to minimise the cost of Smart meter deployment.It provides capability for candidate selection by employing complex set of rules to define candidate eligibility.It Provided user interfaces for querying, configuration and enhancements.

Responsibilities:

* As an admin, worked on SAS Application related issues, incidents in live environment.
* Hands-on on **SAS Management Console, SAS Data Integration Studio, SAS Enterprise Guide, RTM, SAS Grid environment**.
* Performing daily health checks that included validations at server level, application level and OS level.
* Monitoring Scheduled jobs and taking care in case of any failures.
* **Working on data requests** such as business required data generations **through jobs and codes, updating datasets, responding to data related queries etc.**
* Supporting Business users in all supportive way for smooth functionality of DOT Process.
* Working on requests like **scheduling jobs according to the business requirements, profile creation at application level, different issues based on access and other admin tasks**.
* Also have hands-on on development of SAS DI jobs.
* **Renewing Licenses** required continuing the usage of the SAS software.
* Involving in **code enhancements and implementing** in Production through Change Requests
* Resolving Service Requests and Incidents within SLAs.

**Project #2:** Global Big Data Services Support  Jan 2018 – Sept 2019

**Client:** HSBC

**Domain:** Banking & Finance

**Role:** L1 SAS Admin

**Environment and Technology**: **SAS,Linux,Hadoop**

**Descriptions:**

The project was a SAS support project which ran 24\*7 . The project dealt with admin tasks related to SAS. SAS was built on Hadoop Architecture which in turn is on UNIX Platform. Along with these, SAS consisted of Grid Architecture as an add-on. Issues were resolved related to Hadoop and SAS.

Responsibilities:

* As an admin, worked on SAS Application related issues, incidents in live environment.
* **Highly responsible for production issues like job failures which were impacting business routines.**
* Working on SAS tools like SAS Management Console (SMC) , Visual Analytic(VA), Enterprise Guide(EG), Environment Manager(EVM) .Also have an interaction with Unix platform and some parts of Hadoop as well.
* **Communicating with the users/tenant to know the issues and understand their requirements** and provide them
* Performing daily tasks like Housekeeping of file system, monitoring services, health checks in SAS Application as well in Servers.
* Generating daily reports on health checks and extracting various data and consolidating them to present them to the business.
* Resolving the issues in SAS Application which are in production environment on priority manner.
* **Following up with enhancements** done through change Request
* Checking, working and updating the progress of JIRA tickets(Tickets assigned in a ticketing tool called as JIRA)which included **User authorization, creating ACTs, group creations related to Ranger policies, Centrify requests, Onboarding tenants etc.**
* Acknowledging Incidents on priority and resolving them within the SLAs.
* Involved in calls with Business users for updates on the work progressing in the team.
* **Connecting with SAS vendors** on issues to find the RCA.
* Knowledge transfer to new team members to gain application knowledge and to support the business activities.

**Project #1 :** AIX to Linux Migration May 2017-Nov 2017

**Client:** HSBC

**Domain:** Banking & Finance **Technology:** Datastage,Linux,Teradata

**Project Objective**: Enhancement and Migration.

**Descriptions:**

The Project was on migrating the codes from AIX (UNIX) server to Linux server. It also included upgrading the jobs from Data stage 8.1 to Data stage 11.3 . For the purpose of migration some tools were used like Control-M for scheduling , Teradata for Database testing , Unix and Linux for compatibility testing purpose

Responsibilities:

* Involved in functional requirement review.
* Analysed the inbound groups of the migration project.
* Consolidated the prerequisites for inbound groups.
* Prepared CM-documents as part of CR preparation activities for UCD group that to be migrated.
* **Executed jobs in Linux as well as in Unix to test the changes.**
* Worked on GSR's (Group Service Requests) (which involved approving requests based on the requiremnets specified by the users)approvals under the guidance of PSS team.
* Executed queries and tested the Test use cases in Teradata.
* Learned and applied the technologies ( Data Stage, Control-M , Teradata) in the project.
* **Done Testing for the enhanced Jobs created in Datastage**.
* Undergone Knowledge Transformation to understand the project flow.
* Participated in all the meetings with Business users.

**Academic Qualification**

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| --- | --- | --- | --- | --- |
| **Qualifications** | **Institute** | **University** | **Duration** | **Percentage** |
| M.Tech  (Computer Science) | BITS Pilani | BITS Pilani | 2016-2020 | 7.8 |
| BCA  (Computer Applications) | Roland Institute of Computers and Management | Berhampur University | 2013-2016 | 82 |
| Intermediate | SBR Women’s College | CHSE | 2011-2013 | 56 |
| 10th | St. Xavier’s High School | CBSE | 2010-2011 | 85 |

**Extra- Curricular Activities**

Received multiple appreciations from Clients for minimal error Production deployment.

Received appreciation from Business users to resolve some of their issues

Won 3rd Prize in a Photography Competition that is held by Wipro across different regions every year.

Won 1st Prize in a photography Competition that was held in Wipro Hyd campus as part of our WASE Program.