Shruthi Rajan

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# SUMMARY:

* **9+ years** of extensive work experience in IT, in the field of Business Intelligence including Data Analysis, Data Quality Controls, Design, Development with solid background in the areas of Azure DevOps, Azure Data Factory, Azure Databricks ,ETL, Teradata, Python, PySpark, UNIX .
* Worked in Azure and ETL projects as well as migration projects in Telecom.
* Worked in multiple BI technologies and has extensive knowledge of tools Azure DevOps ,Azure Data Factory ,Azure Databricks, Teradata,SQL Server,Mainframe,Putty, Datastage, BMC Remedy,HP QC, JIRA
* Full SDLC experience including Analysis, Design, Development, Testing, implementation, and maintenance of the system.
* Agile experience in Scrum methodology. Completed Infosys internal certifications on Agile.
* Experienced with mentoring ETL Data warehousing development teams,program code development, test plan development, datasets creation and testing.
* Recognition from client side as well as management for the contributions in resolving challenging issues and for defect free deliverables.

# Key Skills:

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| --- | --- |
| **Domain Knowledge** | Data Analysis, Data Integration,  Data Reporting |
| **Programming Languages** | Python, PySpark, Azure Data Bricks |
| **Tools** | SQL Developer,Putty,Azure Data Factory, DataStage, BMC Remedy,HP QC, JIRA |
| **Frameworks/ Practice** | Agile, Scrum |
| **Database** | Teradata, SQL |

**Certifications:**

* AZ 900 –Microsoft Azure Fundamentals.
* DP 900-Microsoft Azure Data Fundamentals.
* DP 200, DP 201 –Azure Data Engineer Certification.
* Infosys Internal Certification: Infosys Global Agile Developer Certification.

# WORK EXPERIENCE:

**Current Employer**: Infosys Limited from Aug 2019– till date with current role as Technology Lead

**Previous Employer**: DXC Technologies from Aug 2013 –Aug 2019

# PROJECT EXPERIENCE:

**Project Name –** Australian Telecom Company (DevOps) (Dec 2021 – Till now)

**Technologies and Tools –** Azure DevOps,Azure ADF, Azure Databricks, Python, Azure, Putty, Control-m, Git, Merlin, Azure Synapse

**Role –** Technology Lead

# Responsibilities:

* + Gathering project related requirements and document it.
  + JSON file creation, schema and DDL file creation for data ingestion, running the artifact pipeline using Azure DevOps, and testing the setup to enable the file extract, validation, transformation and finally migrating the tables from Cloudera to the new PAAS framework.
  + Validating the data in the dev environments such as Data quality checks, timestamp transformations, time zone transformations etc.
  + Post testing and Validation, migrated the data to the ADLS new path and deployed the jobs, schema and DDL to Prod by creating the merlin id through Git.
  + Worked using Agile Methodologies.
  + Provided operation support for job monitoring, fixing of daily ETL, and resolving of incidents within SLA under Agile and DevOps model.
  + Creation and maintenance of Azure Alerts for monitoring the various ADF Pipeline jobs using Log Analytics query for the proper notification of the status of the pipeline trigger.
  + Maintaining JIRA and confluence pages.
  + Working on Sprint planning and assigning tasks to the team in Jira.
  + Support the creation of a repository of team’s collective knowledge on technology, domain, and

process.

* + End User Interaction leaving a wide satisfied client feedback.

**Project Name –** Leading Australian Telecom (DevOps) (Aug 2019 to Nov 2021)

**Technologies and Tools –** Teradata, Putty, BMC Remedy, Mainframe, Datastage

**Role –** Technology Analyst

# Responsibilities:

Legacy Applications (ETL Data warehousing project) which deals with business/user reporting requirements.

* + Leading ETL Data warehousing team which handles both PSM and Development work.
  + Handled the transition of applications from different vendors.
  + Worked on various development initiatives, TD upgrade and mainframe migration activities by testing Teradata utilities (MLOAD, BTEQ, FEXP) and other functionalities.
  + Supported successful upgrade of Teradata TD 14 to IFX TD 16.20 by participating in the testing and production activities.
  + Worked on Data quality issues and performance tuning activities.
  + Involved in the various technical and performance issues resolution and implementation, testing the mainframe jobs by creating test cases in HP QC, etc.
  + Responsible for conducting team member induction programs by planning knowledge transfer sessions.
  + Participated in different client meeting and have ensured that the deliverables are ready within the mentioned timelines
  + Maintaining JIRA and confluence pages, Training junior developers.
  + End User Interaction leaving a wide satisfied client feedback.

**Project Name -** Telecom Domain

**Technologies and Tools –**UNIX, Putty, Teradata, SQL,Datastage

**Role –** Appl Mgmt Svc Del Cons/ DXC Technologies (March 2015 – July 2019)

# Responsibilities:

* + Worked on multiple data warehousing applications (Prod and Dev).
  + As an active member of the team have helped in bringing down the SLA metrics from red to green status on the dash boards and maintain the same.
  + Handled complex failures by analyzing the issue and implementing the fix.
  + Worked on the various data quality issues by analyzing the queries/job logic raised by business users and have provided a feasible solution.
  + Have proactively helped in identifying data quality issues and fixing the same for data completeness and accuracy.
  + Monitoring end to end ETL cycles, identifying and rectifying Data quality issues pertaining to Business, also SLA and incident/problem management through ITAM.
  + Support and monitor jobs in production to ensure the batch stream meets the SLA.
  + Worked in various Discretionary(Capex) tasks to develop the ETL process for the new interfaces using Mainframe.
  + Performed proactive monitoring of databases and thereby minimize/avoid customer impact.
  + Guiding team for timely and quality delivery with adherence to client satisfaction.
  + Ticket handling, like work orders and incidents related to job failure/ abends fix.
  + Responsible for conducting team member induction programs by planning knowledge transfer sessions.
  + Modified database table definitions to increase processing performance by proper indexing the larger tables and hence removing the full large table scans every time the query processes.
  + Participated in different client meeting and have ensured that the deliverables are ready within the mentioned timelines.

**Aug 2013-Feb2015**

**DXC Technologies, Bangalore**

* + Worked in a legacy system which deals with business/user reporting requirements Monitoring end to end ETL cycles, identifying, also SLA and incident/problem management through ITAM
  + Debugging a failure, propose/implement fix.
  + Proactively helped in rectifying data quality issues and fixing the same for data completeness and accuracy.
  + Develop SQL queries for adhoc tasks/user requests.
  + Monitor the job flows and meeting the SLA.
  + Scheduling of the processes or jobs on mainframe job scheduler according to the requirement.
  + As an active member of the team, have helped in bringing down the SLA metrics from red to green status on the dashboard and maintain the same

**ACADEMIC PROFILE:**

* MCA from Sikkim Manipal University, passed out with first class in 2017 through part time
* BCA (Bachelor of Computer Applications), Jyoti Nivas College, Bagalore (2013)-79%
* PUC Jyoti Nivas College, Bangalore (2010)-60%
* SSLC Shantiniketan Trust School(2008)-83.52%

# Declaration

# I do hereby declare that the particulars of information and facts stated here in above are correct and complete to the best of knowledge and belief.

**Shruthi Rajan**