**Professional Summary –**

* I am a certified **AWS Cloud Practitioner** and an entry-level **Python programmer**. I have also completed the **Udacity Nano Degree Program in Data Engineering,** which provided me with extensive knowledge of creating data models, ETL projects, and using various technologies such as AWS Redshift databases and GITHUB.
* 8+years of experience in Application Development, Testing and Support & Maintenance in Data Warehousing, this includes data migration, data integration, data quality and data profiling.
* Extensive experience in DW tool Informatica Power Center 9.x, and Developer 10.x and Ab initio GDE 4.x.
* Experience working on cloud migration using AWS services – S3, Glue, Athena,Lambda, and redshift.
* Completed data engineering nano degree program, through this program I learnt creating data models, ETL projects, using GITHUB, AWS redshift databases and python programming language. This program helped to learn how to write scalable programs to handle large volumes of data, implement a solution using relational, NO SQL and redshift databases.
* Wrote UNIX shell Scripts for transferring the files and for executing the workflows using PMCMD commands.
* Good command in data warehousing and data modeling concepts. Experience implementing data marts using star schema and snowflake schema.
* Experience in Performance tuning of Informatica transformations, mappings, sessions.
* Implemented error handling, Concurrent workflow execution, SCD1 and SCD2 dimension concepts.
* Identified and Populated Fact and Dimension tables according to the Business Rules
* Involved in all aspects of ETL Design & Development i.e., requirement gathering, coming up with standard interfaces to be used by operational sources, coming up with data load strategies, designing and developing various mappings, unit testing, integration testing, UAT and production deployment.
* Experience in designing and developing efficient Error handling methods for ETL mappings and workflows.
* Involved in Optimizing the Performance by eliminating Target, Source, Mapping, and Session bottlenecks.
* Excellent analytical, problem solving, communication and interpersonal skills, with an ability to interact with individuals at all levels.
* Worked in Team Based and Independent Contributor type work models, with On-Shore and Off-Shore teams.
* Good understanding and experience with Software Development methodologies Agile.

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| **Certification –*** **AWS Certified Cloud Practitioner March 2023**

Issued by - Amazon Web Services Training and Certification* **PCEP – Certified Entry-Level Python Programmer Sep 2021**

Issued by - Python Institute* **Nano Degree Program: Data Engineering April 2022**

Issued by - Udacity – Online**Education –**Bachelor of Technology AUG 2009 TO MAY 2013Jawaharlal Nehru Technological University |
| **Professional Experience –****Project 7 :FIN – EDW application****Client :Travelers****Environment :Informatica PowerCenter, Ab initio, MS SQL Server, Oracle, Snowflake, Rally, Glue, Lambda, redshift , S3, Athena and Autosys****Role : ETL Developer/ Production support analyst****Duration  :Sep 2022 to till date****Location :Hartford, CT, USA (Remote)****Responsibilities –*** Worked on ETL batch failures and production deployment activities.
* Developed Informatica jobs to migrate data from on-prem sql server to AWS S3
* Developed lambda functions to verify source file presence, parse the data and transfer to downstream applications.
* Creating glue crawlers in dev region and work with data architect in analyzing the data in Athena
* Developed glue jobs to perform ETL operations and load from S3 to Redshift.
* Worked on various enhancements to modify existing graphs and plans as per new business requirements.
* Follow coding standards, modify the plans, do unit testing, and migrate ETL graphs to CT, IA, MO and PROD regions by coordinating with other team members, ETL admin, Product owners and business users.
* Used various Ab initio components to implement the requirements, made minor changes to shell scripts.
* As part of fixing data tickets, analyzed the Informatica mappings and Ab initio graphs/plans, coordinated with business users and development team to fix the ETL logic.
* Running weekly, monthly, and quarterly procedures as per the documentation.
* Performed code reviews, prepared migration documents to migrate the ETL components to higher regions.

**Project 6 : Life Information Factory****Client :AIG****Environment : PowerCenter, MS SQL Server, Oracle, Snowflake, Rally , S3 and Autosys****Role : Production support analyst****Duration  : March 2022 to Sep 2022****Location :Houston, TX, USA(Remote)****Responsibilities –*** Worked on ETL batch failures and production deployment activities.
* As part of fixing data tickets, analyzed the mappings, coordinated with business users and development team to fix the ETL logic.
* Running weekly, monthly, and quarterly procedures as per the documentation.
* Worked on minor enhancements, performed code reviews, prepared migration documents to migrate the ETL components to UAT and PROD.

**Project 5 :Driver IQ****Client :Country Financial****Environment : Informatica PowerCenter, MS SQL Server, DB2, Zena , ALM and Version one****Role : ETL Developer****Duration  :Oct 2021 to March 2022****Location : Bloomington, IL (Remote)****Responsibilities –*** Created new mappings/workflows as per the ETL specification document.
* Coordinate with QA, downstream teams during UAT phase
* Prepare release documents and work with admin team to release ETL components to UAT and PROD
* Participate in defect and scrum mappings to provide task updates.
* Prepared unit test case documents, participated in integration testing and UAT.
* Involved in production support activities i.e., Monitoring ETL cycles in production, Troubleshoot any job failures, and defect fixes.

**Project 4 :Loan origination system data mart****Client : People’s United Bank****Environment : Informatica Developer, Hadoop, Oracle,MS SQL Server, Power Designer , Hue and AQT****Role : ETL Developer****Duration  : May 2020 to Aug 2021****Location : Bridgeport, CT, USA****Responsibilities –*** Worked with business analysts, Data architects and ETL lead to develop ETL specification documents.
* Ingested data from the various source systems into Hadoop area and loaded data to dimensional model setup on MS Sql server.
* Developed mappings using SCD type 1 and SCD type2 for the identified dimension tables.
* Optimized dimension loads by introducing additional stage to identify the changes and process only the changes.
* Represent ETL team in the scrum meetings and provide status updates to all the project stakeholders.
* Tune and optimize ETL jobs and SQL query for performance and throughput.
* Prepared unit test case documents to validate business logic and ETL standards.
* Performed code reviews to make sure the code developed follows the coding standards, prepared migration documents to migrate the ETL components to UAT and PROD.
* Provided production support for the modified and new Informatica jobs, troubleshoot, and debug any errors.

**Project 3 : Commercial credit card data mart****Client : People’s United Bank****Environment : Informatica Big Data Edition, Hadoop, MS SQL Server , Power Designer and AQT****Role : ETL Developer/production support analyst****Duration  :May 2018 to May 2020****Location : Bridgeport, CT, USA****Responsibilities –*** Analyzed the source files received from the vendor and ingested them into the ETL landing area and to the HDFS file system.
* Based on the ETL specification documents, created ETL workflows and performed CDC, loaded Hadoop refined layer, and derived metrics before loading to data mart.
* Prepared unit test case documents, participated in integration testing and UAT.
* Analyzed and removed/reworked the bottlenecks in sources, targets, mappings, and sessions.
* Developed different mappings by using various transformations like Aggregator, Lookup,

Expression, update Strategy, Joiner, Router etc. to load the data into staging& warehouse tables.* Created Unit Test cases for testing ETL components.
* Developed and scheduled the sessions to extract, transform and load data into warehouse, as

per the Business requirements. * Responsible for monitoring all the sessions that are running, scheduled, completed, and failed.
* Debugged the mapping of the failed session to check the progress of data load.
* Used Informatica reusability at various levels of development.
* Created migration documents to migrate the ETL code to UAT and PROD.

**Project #2 : XL-Catlin (Reinsurance) Conversion****Client : XL-Catlin****Environment : Informatica PowerCenter 9.6, Microsoft SQL Server 2008 &Autosys , UNIX shell scripting****Role : ETL Developer****Duration  : June 2017 to April 2018****Location : Stamford, CT, USA****Responsibilities –*** Developed mappings & workflow using Informatica as per the business functionality.
* Created complex ETL jobs in Informatica which integrate, transform, standardize, format, aggregate data from all the source systems.
* Analyzed and removed/reworked the bottlenecks in sources, targets, mappings, and sessions.
* Designed ETL workflow with job dependencies and scheduling using Autosys tool.
* Involved in Unit testing, System testing to check whether the data loaded into target is accurate, which was extracted from different source systems according to the user requirements.
* Provide reconciliation between both the systems and help finance teams in year-end close activities.
* Documentation and creation of knowledge bases.
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| **Project #1 : RDI Dashboard****Client : John Deere****Environment : Informatica PowerCenter 9.1, Microsoft SQL Server 2008 &Oracle,UNIX shell scripting****Role : ETL Developer****Duration  : June 2013 to April 2016****Location : Hyderabad, India****Responsibilities –*** Developed mappings & workflow using Informatica as per the business functionality.
* Involved in troubleshooting a few performance problems in Informatica.
* Involved in design/development/unit testing.
* Data validation, testing and debugging, monitor data load in test environment.
* Rework of mappings to accommodate the DB/ETL logic changes (business logic, new column addition, precision changes).
* Troubleshooting production issues, and provided solutions/fixes to resolve production issues
* Worked closely with Client/Functional teams in getting needed approvals for the code fixes suggested to resolve production issues.
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