**AKHIL**

**BI Developer**

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**SUMMARY**

* Accomplished Software developer with over 4 years’ experience in developing, implementing Web Applications, Windows Applications, Integrations and products using Visual Studio, C#. Databases like SQL Server.
* Experience with implementing Object Oriented Programming (OOP) concepts using C#.
* Strong experience withC#, VB.NET, Visual Basic, Web Applications, Windows Applications and Web Services.
* Expertise in Creating ETL Workflows in both Cloud and On-Premise systems.
* Serverless Compute Services experience like Azure Function.
* Worked on DataStage tools like DataStage Designer, DataStage Director, DataStage Administrator.
* Experience in Scheduling Sequence and Parallel jobs using DataStage Director, UNIX Scripts and Scheduling tools.
* Expertise on creating ETL Pipelines, Data Flows, Linked Services and Lift-Shift SSIS Packages to Azure SQL and Azure Synapse Data warehouse.
* Experience in working with SQL and PostgreSQL Database objects like indexes, Triggers, User Defined Functions and writing complex Stored Procedures using Dynamic SQL.
* Experience in transforming, cleansing and loading data into multiple databases like SQL Server, MySQL and Document Oriented Databases.
* Version control and Code Repository systems experience like Git Hub, Sub Version.
* Experience with Configuration of Continuous build and deployment pipelines using Azure Dev ops.
* Experience of advanced loading concepts like Partition swapping and temporal tables.
* Hands on Experience with Azure Synapse DWH, Azure Data Lake, Data Factories V1 and V2, Azure Blob Storages.
* Experience in building ETL Workflows using Cloud ETL Services like Azure Data Factories.
* Experience in writing complex DAX functions in Power BI and Power Pivot.
* Experience in Measures query’s calculated columns, in power bi desktop to show good data analysis techniques.

**Education Details:**

Post-Graduate Diploma : COMPUTER SCIENCE TECHNOLOGY - SOFTWARE TESTING, Matrix College, Montreal.

Bachelors: BACHELORS IN COMMERCE(COMPUTERS) - Badruka Degree College, HYDERABAD.

**TECHNICAL SKILLS**

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| **Operating Systems:** | Windows 10/8/7 Windows server 2016/2012/2008 R2/2008, Linux |
| **Programming Languages:** | C#.Net, SQL, |
| **ETL Services** | SQL Server Integration Services (SSIS), DataStage, Azure Data Factories, AWS Glue |
| **Reporting and BI Tools:** | SSAS, SSRS, Tableau, Power BI |
| **SQL Databases:** | Microsoft SQL Server, PostgreSQL, DB2, Tera Data |
| **Reporting Tool:** | SQL Server Reporting Services (SSRS 2008/2005), Crystal Reports (2010/9/8.5/8), RDLC |
| **Cloud Services:** | Azure, AWS |

**PROFESSIONAL EXPERIENCE**

**National Bank of Canada, ON Jul 2021 – Present.**

**BI Developer**

**Responsibilities:**

* Involved in designing, developing, and testing of the ETL (Extract, Transformation, and Load) strategy to populate the data from various source systems feeds using SQL Server Integration Services (SSIS).
* Worked with the Product Owners of multiple markets of the Organization to analyze the requirements and also develop design specifications and technical specification documents.
* Developing and running complex ETL Operations for data and file movement with Azure Functions serverless compute services.
* Created complex stored procedures and SQL Queries.
* Implemented a wide range of Data Cleansing techniques to ensure consistencies across datasets.
* Configured Azure functions to invoke Data Pipelines based on events in Data Lake.
* Developed multiple ETL process to create a file and stored at the business locations.
* Used DataStage for extracting, transforming and loading databases from sources including Oracle, DB2 and Flat files.
* Worked data from SQL Tables into multiple flat files to store them in data lake and Blob storages.
* Worked on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints.
* Repartitioned job flow by determining DataStage PX best available resource consumption.
* Used DataStage Change Data Capture for DB2 and Oracle files and employed change capture stage in parallel jobs.
* Created various standard/reusable jobs in DataStage using various active and passive stages like Sort, Lookup, Filter, Join, Transformer, aggregator, Change Capture Data, Sequential file, DataSets.
* Created jobs to import data in DataStage from heterogeneous data sources like Oracle 9i, Text files and SQL Server.
* Worked with Business users and provided them support with user acceptance testing.
* Worked on writing complex SQL queries, Sub queries, and nested queries in the process of analyzing the data to solve specific business problems
* Converted reports from legacy reporting to new reports using Power BI.
* Used various sources to pull data into Power BI such as SQL Server, SAP BW, Oracle, SQL Azure etc.
* Designed and developed Power BI graphical and visualization solutions with business requirement documents and plans for creating interactive dashboards.
* Publish the Power BI Desktop models to Power Bi Service to create highly informative dashboards, collaborate using workspaces, apps, and to get quick insights about datasets.
* Developed Data Visualizations into Power BI Dashboards.
* Utilized Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Maintaining SQL Script for creation of Database Objects.
* Setup Alerts, Notifications, Jobs, Job steps with automated response solution schedules.
* Frequently Monitor Connections, Locks and Database Performance using Performance Dashboard.

**Environment:** MS SQL Server 2008 /2012, Oracle, DataStage, SSIS, SSRS, SSAS, T- SQL, Power BI, Crystal Reports, Share point server 2010, Windows 2008 Server, Team Foundation Server, XML, MS-Access, MS-Excel

**HCL, Hyderabad, IN Feb 2018 – Dec 2019.**

**BI Developer**

**Responsibilities:**

* Worked on a Proof of Concept model for cloud data warehousing to help design and implementation decisions for leadership.
* Worked with Product owners on Identifying requirements and develop design specifications, Source to target mappings and Data dictionaries.
* Developed SQL Stored Procedures and User defined functions using Dynamic SQL using advanced concepts of SQL Server.
* Developed complex SSIS packages using proper control and data flow elements.
* Worked on creating testing scripts for various ETL Processes and Reports to validate the data.
* Implemented Concepts like Materialized Views, Distributed Tables and pre -processing aggregated data to improve the performance.
* Used the DataStage Director and its run-time engine to schedule running the solution, testing and debugging its components, and monitoring the resulting executable versions (on an ad hoc or scheduled basis).
* Used the DataStage Designer to develop processes for extracting, cleansing, transforming, integrating and loading data into staging tables.
* Used the DataStage Director and its run-time engine to schedule running the solution, testing and debugging its components, and monitoring the resulting executable versions on an ad hoc or scheduled basis.
* Monitoring the DataStage job on daily basis by running the UNIX shell script and made a force start whenever job fails.
* Worked with Metadata Definitions, Import and Export of DataStage jobs using Data stage Manager.
* Worked on Implementation to lift and shift existing ETL Packages to run in Azure Data Pipelines.
* Created reports utilizing Excel services, Power BI and deployed them on SharePoint Server as per business requirements.
* Used Microsoft Power BI Power Query to extractdata from external sources and modify data to certain format as required in Excel.
* Created Power BI Dashboards (Power View, Power Query, Power Pivot, and Power Maps) and integrated them to share point.
* Developed and maintained multiple Power BI dashboards/reports and content packs.
* Designed multiple scorecards and dashboards to display information required by different departments and upper level management using Power BI (Power Pivot/View).
* Extensively worked on Dimensional modeling and relational modeling to model the data marts and implementation of star, snowflake and Hybrid schemas.
* Worked on setting up Azure Linked Services, Triggers for Scheduling Jobs based on time and events.
* Implemented Automated deployments using tools like Team city, Octopus and writing Automated scheduling scripts for Tidal using.

**Environment:** Windows XP Professional, Visual Studio 2010, SQL Server 2008 R2, SQL Server 2012, T- SQL, DataStage, Oracle SQL Integration Services (SSIS), SharePoint, Power BI, SQL Server Reporting Services (SSRS), Business Intelligence Development Studio.

**Bharti Airtel Ltd, Hyderabad, IN Nov 2016 – Feb 2018**

**BI Developer**

**Responsibilities:**

* Worked with Stakeholders of the organization to gather requirements and develop user case stories and designed all technical documentation as well as data dictionaries for users.
* Experience in automating the SSIS Package development and ETL processes from various applications and legacy data sources by writing power shell scripts.
* Extensively worked with Business Intelligence Markup Language (BIML) to develop and test SSIS packages.
* Developed Complex and Dynamic T-SQL Stored Procedures and User defined functions using advanced concepts like Common Table expressions, Temporary tables, Merge Statements.
* Involved in implementation of Star, Snowflake and Hybrid Schemas dimensional modeling to model the data for the data marts.
* Experience in building custom SSIS ETL Framework for logging and Auditing purposes of the data warehouse and built ROLAP cube from the data warehouse.
* Developed and maintained multiple Power BI dashboards/reportsand content packs.
* Converted reports from legacy reporting to new reports using SSRS, Tableau and Power BI.
* Developed various reports and Dashboards of operational and research data of the organization using Tableau and Power BI.
* Responsible for building Power BI Dashboards using Tabular and Multi-Dimensional Models. Design and model datasets with Power BI desktop based on measure and dimension requested by customer and dashboard needs.
* Experience in development of visualizations with web analytic tools like google analytics.
* Experience in performance tuning, data profiling and administration of databases.
* Data migration from On-premise to Azure cloud, Azure SQL.

**Environment:** C#, MS SQL Server 2012/2016, SSIS, SSAS, SSRS, Tableau, Power BI, Google Analytics, MDX, T-SQL, XML, BIML, DAX, Power Shell ISE, C#. Net, SSMS 2012/2016, Atlassian tools (Bit bucket, JIRA), Sub version.