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| |  | | --- | | Key Skills  Project Execution / Azure Cloud Technologies    Business Intelligence / Data Warehouse Architecture  Techno-Functional Consultancy  Product Designing & Development  Data Modelling & Visualization  Reporting & Dashboards |   Education  **2008:** Master of Computer Applications from Nagarjuna University  **2005:** B.Sc. JKC College, Guntur, affiliated to Nagarjuna University  Certifications  **DP-200** - Implementing an Azure Data Solution  **70-778** - Analyzing and Visualizing Data with Microsoft Power BI  **Agile** | PAVAN  *Performance-driven professional with recognition for the project management activities and timely completion of the projects within stipulated budgets and timeline; targeting middle-level assignments as a* ***Azure & MS BI Technical Lead*** *with an organization of high repute in* ***IT industry*** |
| Profile Summary |
| * Offering **over 12 years** of extensive experience in architecture, design, development & production for legacy applications leveraging complete Change Management functions from testing to development * Extensively used **Azure Cloud Resources** like Azure SQL DB, Azure Synapse Analytics, Azure Analysis Services, Azure Data factory, ADLS Gen2, Azure Synapse Analytics, Snowflake Database and Blob Storage * Created and Managed **Azure Resources** like Runbooks, Hybrid Workers, Data Gateways, SPN's, AAD Users and Groups and DataBricks etc. * Configured and maintained connection pooling and query cache in MySQL to achieve better query performance. * Strong experience in **SSAS** Multi-Dimensional & Tabular cubes, **MDX, DAX** and **Power BI** reports, used most of the **DAX Functions** in creating reports. * Good Hands-on experience in using **Power Query** and **Power Pivot** to create Reports, Dashboards, Scorecards, and charts using Power BI * Implemented **CI/CD for DevOps** using Azure with Visual Studio on TFS and GITHUB repositories. * Successfully **Migrated On-Premises Applications to Azure Cloud** including Databases, Cubes, ETL Packages, User Reports and Power BI reports * Implemented best practice methods on existing applications and brought down the Azure resource prices by 45% without breaking project/application SLA. * Excellent skills in **designing a data warehouse** with the experience in generating enterprise and Ad-hoc reports using **SSRS and Power BI** * Expertise in creating **multiple SSIS packages**, package Deployments, **Jobs Scheduling**, **Error Handling,** providing **logs** and creating variables and package configurations. * Strong in tuning complex **T-SQL** and **MySQL** queries and stored procedures; Created and maintained Indexes and table partitions for DW Database.   IT Skills  **RDBMS:** SQL Server 2008 R2/2012/2014/2017, MySQL, Oracle, Teradata, Snowflake, Azure Synapse, Sales Force, Oracle EBS, Postgres SQL  **Programming Languages:** SQL, T-SQL, MDX, DAX, PL/SQL, C, C++, U-SQL  **Operating Systems:** Windows XP, Windows 2003/2008/2012/2016/2019  **ETL Tool:** SSIS, ADF, Power Query, Informatica  **Reporting Tool:** SSRS, Power BI, Excel Pivot Tables  **OLAP Tools:** SSAS both Multi-Dimensional and Tabular  **CI CD Tools:** TFS, GITHUB, Source Tree, VSTS, Jenkins and Azure Devops  **Tools & Utilities:** Visual Studio 2008, 2010, 2013, 2015, 2017 & 2019  **Azure Cloud Technologies:** Azure SQL DB, Azure Data Warehouse, Azure Data Lake, Azure Blob Storage, Azure Analysis Services and Azure Data Factory, Azure Automation Accounts, Azure Alerts, Data Bricks and Azure Synapse Analytics |
| Work Experience  **Feb’23 – Till Date MGRC as Senior BI Developer/Data Migration Specialist**  **Feb’21 – Feb’23 Gap Inc. as Senior Technical Lead**  **Jul’16 – Dec’20 HCL Technologies as Technical Lead**  **Oct’11 – Jun’16 Prophoenix Technologies as Team Lead**  **Key Result Areas:**   * Playing a pivotal role in the requirement gathering, analysis, design, development, documents creation and customer support for the entire project * Extensively worked on Various ADF transformations like Lookup, Copy Data, For Each, Switch, Web Activity, For Loop, Get Metadata, Webhook, Set Variable and stored Procedure etc. * Created ER Models/Diagrams for MySQL databases using MySQL Workbench and ER Studio, added new tables, columns and created new relationships to the existing models. * Successfully migrated On-Premises Applications to Azure Cloud Resources including Databases, Cubes, ETL Packages, User Reports and Power BI reports * Providing cost estimation in Azure by testing various pricing tiers with different data volumes, Implemented the same in existing applications and brought down the cloud resource price by 45% without breaking the project SLA. * Creating SSIS packages and ADF Pipelines to load data from different source systems like Teradata, Oracle, Flat files, Azure Storage Resources & SQL Server into Snowflake and Synapse Analytics Warehouse databases. * Implemented Best Practices in providing security to MySQL server/databases using third part extensions in both On-Premise and Cloud environments. * Writing complex MDX & DAX queries using all functions to create calculated Members, Measures and created Power BI Reports on top of Tabular cubes * Good Hands-on experience in using Power Query and Power Pivot to create Reports, Dashboards, Scorecards and charts using Power BI with Various Complex DAX functions & Calculated measures. * Creating dynamic Partitions in cubes (in both OLAP & Tabular), using Azure SQL DB Scale-Out and Cube Replication options to support multiple cube users and downstream systems * Tuning complex T-SQL and MySQL Queries and Stored procedures; creating Indexes and Index maintenance plans and table partitions for DW Database for both MySQL and MS SQL Server. * Maintaining code base for SQL DB, SSIS Packages, ADF Pipelines, Triggers and Cube Solutions in GITHUB and VSTS by Creating Database solutions using Visual Studio and implemented CI/CD with Azure DevOps. * Created Dynamic Linked Services in ADF, Configured Dynamic Alerts for SQL Long Running queries and ADF Long Running Jobs by defining Threshold values. * Decent Hands-on experience on Azure Synapse Analytics and Snow Flake Data Warehouse databases used it to load daily/intraday ETL loads from Data Bricks. Used advanced capabilities like Scaling/Pausing/Resuming. * Participating in the design, development, and testing of the Business Intelligence (BI) components needed to support clients' reporting requirements and to integrate these designs into the overall client data strategy * Performing operations inclusive of back-end programming using PL/SQL, Stored Procedures, Functions, Packages, Database triggers and SQL queries and migration scripts * Coordinating with Senior Leaderships to devise and implement strategies for process enhancement with focus on improving customer delivery and support deadlines   Projects Undertaken  **Project: Nextgen Data Migration**  **Client:** McGrath RentCorp, USA  **Period:** Feb’23 –Till Date  **Team Size:** 11  **Role:** Senior Developer / Data Migration Specialist  **Responsibilities:**   * Worked on End-End process of migrating Oracle EBS data to Sales force system. * Extensively used Azure Data services like Azure SQL, Azure Data Lake as an intermediate layer in the data migration process and implemented best ETL practices to reduce load time for production migration. * Created Mapping documents, ETL Packages, SQL Scripts for Source EBS system data mapping to Target Sales Force system tables. * Created new reports using Tableau by mapping to Sales Force data post data migration. * Migrated existing Tableau and Power BI reports from Oracle EBS to Sales Force data source. * Successfully Migrated Entire Oracle EBS objects to Sales Force without breaking any existing functionalities of application.   **Project: Global Buy Plan Reporting**  **Client:** GAP Inc., USA  **Period:** Apr’18 – Jan’20 & Feb’21 – Till Date  **Team Size:** 8  **Role:** BI Senior Developer  **Environment:** SSIS, SSAS, AAS, ADF, Azure SQL Server, MySQL, Data Bricks, Automation Accounts, Logic Apps, Azure Alerts, Teradata, Azure Synapse, Snowflake and Windows Server 2019  **Description:** GAP Inc. is a 16 Billion USD Revenue Company, is one of the biggest in Retail market in USA and all over world having other [Subsidiaries](https://en.wikipedia.org/wiki/Subsidiary) like Banana Republic, Old Navy, Athleta & Intermix. It is having around 5 million of various Merchandises in 3000 stores all over the world. It’s a big challenge to analyze business with a huge number of daily Sales, Inventory and Plan data. This project deals with Planned Merchandise based on past actual sales data. Data Warehouse, SSAS Cubes are playing key role in analyzing business as data stored in multiple source systems like SQL Server, Bigdata, Teradata, Oracle and so on.  **Responsibilities:**   * Playing a pivotal role in the end-to-end project execution, right from requirements gathering, analysis, design, development, documents creation and to the customer support for the entire project * Extensively worked on Various ADF transformations like Lookup, Copy Data, For Each, Switch, Web Activity, For Loop, Get Metadata, Webhook, Set Variable and stored Procedure etc. * Providing cost estimation in Azure by testing various pricing tiers with different data volumes, Implemented the same in existing applications and brought down the cloud resource price by 45% without breaking the project SLA. * Creating: SSIS packages and ADF Pipelines to load data from different source systems like Teradata, Oracle and SQL Server into Snowflake and Synapse Analytics Warehouse databases. * Dynamic Partitions in cubes (in both OLAP & Tabular), using Azure SQL DB Scale-Out and Cube Replication options to support multiple cube users and downstream systems. * 5 OLAP Cubes & 5 Tabular (In-Memory) Cubes using different source systems with different granularity levels of data like Sales data as Daily and Inventory data as weekly * Implemented Best Practices in providing security to MySQL server/databases using third part extensions in both On-Premise and Cloud environments. * Created ER Models/Diagrams for MySQL databases using MySQL Workbench and ER Studio, added new tables, columns and created new relationships to the existing models. * Successfully migrated On-Premises Applications to Azure Cloud Resources including Databases, Cubes, ETL Packages, User Reports and Power BI reports. * Writing complex MDX & DAX queries using all functions to create calculated Members, Measures and created Power BI Reports on top of Tabular cubes * Currency Conversion issue in different markets by creating fixed dimensions and many to many relations in the cube * Database Secrets securely in Azure by storing in Registry, accessing through SSIS packages; automated brand specific attributes enable/disable in Cube using a framework * Tuned complex T-SQL Queries and Stored procedures; Created and maintained indexes and table partitions for Datamart Database in MySQL and Azure SQL Server. * Maintaining code base for SQL DB, SSIS Packages, Jobs and Cube Solutions in GITHUB by creating database solutions using Visual Studio and implemented CI/CD with Jenkin Jobs   **Project: OEM Ops BI**  **Client:** Microsoft Corp., USA  **Period:** March – 20 to Dec -- 20  **Team Size:** 6  **Role:** BI Technical Lead  **Environment:** SSIS, AAS, ADF, Azure SQL Server, Azure DevOps, ADLS, ADB and Windows Server 2016  **Description:** Microsoft is the world's largest software maker by revenue. It develops, manufactures, licenses, supports, and sells computer software, consumer electronics, personal computers, and related services. Its flagship hardware products are the Xbox video game consoles and the Microsoft Surface line-up of touch screen personal computers. AAS Tabular cubes and Power BI reports do the report requirements from the customer to analyze the business.  **Responsibilities:**   * Created Power BI Reports to identify the End-to-End Data flow between source systems to Cubes * Implemented Azure Key Vault authentication architecture to connect to SharePoint server files from SSIS * Created Azure artefacts to deploy the latest code into UAT and Production servers * Created Azure CI/CD Pipelines and Releases for code deployment * Hands on experience in Biml studio to integrate SSIS packages for Azure devops * Implemented Dynamic Partitions in AAS cubes and SQL table partitioning for a better query performance * Tuned Complex SQL queries and Stored Procedures and created column store indexes for large scale tables * Created Tabular cube sourcing from ADLS Gen2 by using flat files into Cube DSV directly * Supporting both On-Premises & Azure SQL databases and Cubes by daily jobs monitoring and responding to Incident tickets as and when job failure happens * Created ADF Pipelines to copy files from various source folders to ADLS and to load data from source to DataMart   **Project: Client: State Street Bank, TX**  **Duration:** Jul’16 – Mar’18  **Team Size:** 7  **Role:** Sr Business System Analyst  **Environment:** SSIS, SSAS, AAS, ADF, MySQL, Teradata and Windows Server 2012  **Project Description:** State Street Bank and Trust Company, more commonly known as State Street Global Services specializing in services to [mutual funds](https://en.wikipedia.org/wiki/Mutual_fund) and their advisers, [collective investment funds](https://en.wikipedia.org/wiki/Collective_investment_fund), corporate and public [pension funds](https://en.wikipedia.org/wiki/Pension_fund), [insurance](https://en.wikipedia.org/wiki/Insurance) companies, operating companies and [non-profit organizations](https://en.wikipedia.org/wiki/Non-profit_organizations). We were migrating existing applications from Azure to AWS. These portals were specific to commercial Gensets, residential Gensets, mobile users. This Migration included few enhancements of features including exercise scheduling of generator sets which can show them the live messages past to the cloud though gateway attached to the actual assets that enables users to know faults, warnings, start and stop operations from web or mobile without even being the actual site.  **Responsibilities:**   * Created: Requirement documents, Functional flow and Traceability metrics for entire project * SSIS to load the data from different source systems like Teradata, Oracle and SQL Server into Data Warehouse. * 4 OLAP Cubes and One Tabular Cube using different source systems with different granularity levels of data like Sales data as Daily and Inventory data as weekly * Dynamic Partitions, Aggregations (Usage Based Optimization) and KPIs * Tuned SSIS packages by Microsoft best practices to reduce DW loading time * Written complex MDX queries using all functions for calculated Members, Measures and KPIs * Fixed Currency Conversion issue in different markets by creating fixed dimensions and many to many relations in cube * Provided security for Cubes based on the stores and location. * Administered the tuning of the complex MySQL Queries and Stored procedures.   **Project: Police RMS**  **Client: Police Departments, United States**  **Period:** Nov’12 – Jun’16  **Team Size:** 8  **Role:** DW Designer, Cubes and Reports Developer and Leading the Team  **Environment:** SSIS, SSRS, SSAS, SQL SERVER 2012 and Windows Server 2012  **Project Description:** Police Records Management System is a Centralized Public Safety system for each County/ Agency/ Jurisdiction which will store all Incidents information. Phoenix Police RMS is a user interface deals with huge historical incident data which is connected to NCIC online system in USA.  **Project: EzFire Records**  **Client:** Fire Agencies/Departments, USA  **Period:** Feb’13 – Jun’16  **Team Size:** 8  **Role:** Data Warehouse Designer, BI and Reports developer  **Environment:** SSIS, SSRS, SSAS, SQL SERVER 2008 R2 and Windows Server 2008  **Project Description:** EzFire Records is a most powerful Fire Records management system in United States which deals with all Fire modules like Property Inspections, NFIRS reports, Alarms, Fire Investigations, Inventory, all Invoices information and Emergency Medical Services. For Fire departments reports will play major part. Fire Personnel should submit NFIRS reports for all Incidents, Inspections, Permits, violations and Invoices.  **Title:** **CAD RMS**  **Client:** Public Safety System, USA  **Period:** Nov’11 – Jan’13  **Role:** BI Developer  **Environment:** SSIS, SSRS, SSAS, SQL SERVER 2008 R2 and Windows Server 2008  **Project Description:** Computer Aided Dispatch is a public safety system in USA which is designed to provide 24/7 support to Public on Law Enforcement, Fire and EMS operations. Call-taker, dispatcher and unit status functions work together in CAD. Each Agency/Jurisdiction will have dedicated Personnel who will dispatch calls to appropriate Team continuously. | |