**SWAPNA M**

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**Professional Summary:**

* 7 years of experience working with enterprise data platforms, building, and managing data lakes, and using big data technologies
* Proficient in design and development of various dashboards, reports utilizing Tableau and Power BI visualizations like bar graphs, scatter plots, pie-charts, drill through reports, geographic visualization and other making use of actions, other local and global filters according to the end user requirement.
* Experience in importing/exporting data between different sources like Teradata/Access/Excel etc. using SSIS/DTS utility.
* Experience in using SSIS tools like Import and Export Wizard, Package Installation, Scheduling and SSIS Package Designer.
* 3+ years of experience working within the AWS platform. Experience solutioning on AWS infrastructure using services like AWS IAM, S3, Lambda, Lake formation, and Redshift
* 3+ years of experience with using Python for data engineering and developing high performance, and scalable data pipelines
* Experience in developing web applications by using Python, XML, CSS, HTML, Java script and jQuery
* Experience in Microsoft Visual C# in script component of SSIS.
* Experience on creating Azure Data Factory for moving and transforming the data
* Ability to handle Multiple tasks, Initiative and Adaptable. Self-motivated, organized team player with strong problem solving and analytical skills and total commitment to the organization goals.
* Have good knowledge in Regulatory reporting in Health and Manufacture Domain.
* Expertise on Tableau Desktop versions 9.2/8.2, Tableau Reader and Tableau Server
* Utilized Power BI to create various analytical dashboards that reports that depicts critical KPIs such as legal case matter, billing hours and case proceeding along with slicers and dicers enabling end user to make filters.
* Extensively worked in writing SQL Queries, stored procedures, Tables, database triggers, cursors, exception handlers, DTS Export & Import.
* Extensive experience with T-SQL in constructing **Triggers,** Tables, implementing **stored Procedures, Functions, Views, User Profiles, Data Dictionaries and Data Integrity**
* Strong interpersonal, analytical, and organizational skills with an ability to manage multiple projects with minimal or no supervision.
* Excellent analytical, Communication and interpersonal skills

**Technical Skills:**

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| Operating Systems | Windows, Linux |
| Databases | SQL Server (2005/2008/2008 R2/2012), Hana Database |
| Database Tools | MS SQL Server (2005/2008/2008 R2/2012), MS-Access, SQL Server Integration Services (SSIS), Data Transformation Services(DTS), SQL Server Reporting Services(SSRS) |
| Development skills | SSIS/SSRS, SQL, T-SQL, Power BI, Tableau. |
| Reporting Tools | SQL Server Reporting Services, MS Excel, Power BI and Tableau. |
| Tools/Methodologies | MS Project, GIT hub, TFS 2010, Agile, Jira, Waterfall, CI/CD, Excel, Service Now, Jenkins, flipper |
| Operating Systems | Windows XP, Windows 7,Windows 8, Windows 2003/2008/2008 R2 |
| Programming Languages | Python, C sharp, Java Script, C |
| Cloud Computing | Azure, Aws, Data Pipeline |
| Other technical stack | CSS, HTML, ASP.NET, WCF and web services, XML, JSON, REST, SOAP |

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| **Experience**  **04/2019-Present** | **Data Engineer Specialist ALLSTATE-CHICAGO-IL**   * Participating in requirements gathering and compiled them into design document. * Following agile methodologies (Scrum) for daily updates on Project. * Designing and developing reports and dashboards to transform data into useful information * Extracting data and working directly with senior and executive level personnel on interpreting data * Experience in Data Warehousing design and development * Experience building and deploying ETL pipelines and data modeling, and databases * Working on BI data lake POCs using AWS Services including S3 * Working with connecting multiple Data Lakes –AWS Data lake * Working with source data teams to facilitate and optimize data flow into the Data Lake * Developing and engineering solutions for technical users to access data from the Data Lake through a variety of means, including APIs, flat file extracts, or web applications * Working on AWS functionality in S3  to allow incremental loading by adding staging layer * Designing and developing highly scalable Data Pipelines that incorporate complex transformations and efficient code. Data will need to flow to and from unstructured and relational systems for analytic processing and scripting SQL code to integrate staged data with the delta files. * Monitoring system health over the AWS console during batch data processing * Developing Tableau data visualization using Cross tabs, Heat maps, Box and Whisker charts, Scatter Plots, Geographic Map, Pie Charts and Bar Charts and Density Chart. * Working extensively with Advance analysis Actions, Calculations, Parameters, Background images, Maps, Trend Lines, Statistics and table calculations. * Hands on building Groups, hierarchies, Sets to create detail level summary reports and Dashboard using KPI's * Experience in migrating database to Microsoft Azure with Red gate and azure data factory. * Helping to develop backup and recovery strategy for databases on virtualization platform utilizing Microsoft Azure. * Utilized Tableau server to publish and share the reports with the business users. * Experience in Develop, maintain and support SQL Server Reporting Services (SSRS) reports and Excel spreadsheets * Used **DTS/SSIS** and **T-SQL** stored procedures to transfer data from **OLTP** databases to staging area and finally transfer into data marts and performed action in XML * Experience in Develop, maintain, and support SQL statements, stored procedures, views and SSIS packages * Working with technical staff to better understand validity and criticality of data and how it impacts operations * Experience in creating data visualizations to answer or drive business decisions. |
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| **01/2018-03/2019** | **Data Analytics HEPACO INC-CHARLOTTE-NC**   * Involved in requirements gathering and compiled them into design document. * Experience using Power BI to develop visually compelling analytics Proven ability to create, publish, and manage content packs within Power BI * Experience working with dataset ingestion, data model creation, reports, dashboard, KPIs, Power BI Pro features, workspaces, security * Experience with ETL Design and frameworks using SSIS * Working experience with Designing and building efficient reporting database, data marts or data warehouse using ETL tools * Experience with Administer, monitor, and resolve incidents for ETL and data warehouse including failed loads and performance. Implement long term fixes to address underlying root causes * Experience in Detect and troubleshoot and resolve database integrity issues, performance issues, blocking and deadlocking issue, connectivity and security issues. * Good Experience in creating documentation and best practices * Experience in create, publish, and manage content packages. * Designing Power BI data visualization utilizing cross tabs, maps, scatter plots, pie bar and density charts. * Scheduling Automatic refresh and scheduling refresh in Power BI services. * Involved in processes, procedures and training for end-users to facilitate the efficient use of reporting tools and applications. * Experience with upgrading, patching, testing and implementing report platform * Experience in handling report requests and translate requirements into programming code * Working experience in programming languages are C#, ASP.NET, HTML, CSS to view UI side dashboards. |
| **01/2017-12/2017** | **Business Intelligence Developer National Gypsum Company, Charlotte, NC**   * Participated in requirements gathering and compiled them into design document. * Followed agile methodologies (Scrum) for daily updates on Project. * Experience working with a variety of stakeholders, from managers to technical resources, to include the translation of business requirements into operational measures and reports * Experience in understanding of security as it pertains to data access, scope, and distribution of reports and dashboards * Helped to develop backup and recovery strategy for databases on virtualization platform utilizing Microsoft Azure. * Have built more than 20+ reports charts in Tableau/Excel working with business strategy team by analyzing several structured and unstructured data. * Played a key role in data mapping between the source and the target systems. * Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server. * Developed SQL stored procedures for data manipulation and querying data for SQL Server 2012. * Created database objects using SQL Server including complex Stored Procedures, DTS packages, SSID Packages, Jobs tuning, triggers, cursors, tables, and views and other T-SQL joins and statements for application. |
| **03/2016-12/2016** | **BI specialist Wisconsin Physician Service, Madison, WI**   * Involved in the analysis, design & development of the project. * enterprise in migrating database to Microsoft Azure with Red gate and azure data factory. * Helped to develop backup and recovery strategy for databases on virtualization platform utilizing Microsoft Azure. * Created reports utilizing SSRS, Excel services, Power BI and deployed them on SharePoint Server as per business requirements. * Designed complex data intensive reports in Power BI utilizing various graph features such as gauge, funnel, line better business analysis * Optimized report performance with caches and snapshots. * Performed data transformations using SQL Server Integration Services (SSIS) via the implemented enhancements for better performance. * Developed **database triggers** and stored procedures using T-SQL cursors and tabl**es.** |
| **05/2015-02/2016** | **Programmer Analyst Integris, Oklahoma City, OK**   * Participated in requirements gathering and compiled them into design document. * Implemented MVC architecture. * Created business logic layer and data access layers to implement the MVC architecture * Created Business Logic Layer & Data Access Layers to implement the MVC architecture. * Developed core functionality with the ASP.NET MVC Framework (C#.NET, ADO.NET). * Designs build, tests, deploys, executes and maintains data extraction, transformation and load ( ETL) jobs to populate databases. * Used ADO.NET for data retrieving, querying, storage and manipulation interface screens developed using ASP.NET. * Used SSRS to generate reports and integrated with asp.net web page using report viewer. * Created logging for ETL load at package level and task level to log number of records processed by each package and each task in a package using SSIS. |

**Education Qualifications**

* Bachelors in Electronics and communications Engineering from JNTUH, India 2013
* Master’s degree in information systems from UMHB, Belton TX, 2015