JITESH RAUT

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Experienced Azure Data Engineer with 4+ years in data warehousing, ETL, and cloud integration. Proven history of optimizing data processes and enhancing performance, certified in AWS, Azure, Databricks, and Snowflake. Skilled in programming, cloud platforms, and database management, dedicated to leveraging technology for impactful solutions.

SKILLS

Programming & Scripting	JAVA • Python • PL/pgSQL • Serverless Programming (AWS Lambda • Salesforce Apex • Azure Functions)
Cloud & Data Platforms	Azure • AWS • Salesforce • Databricks • Snowflake
Databases	MSSQL • PostgreSQL • MySQL • AWS DynamoDB • AWS Redshift • FireBase
Web Technologies	NODE JS • HTML5 • CSS • GraphQL • Angular
Data Integration Tools	Azure Data Factory • AWS Glue • Fivetran • Talend Open Studio • SSIS • Coalesce
Development Tools	Microsoft Visual Studio • Android Studio • Eclipse • NetBeans • Jupyter Notebook
Data Management Tools	DBT • Atlan
Reporting Tools	Power BI Desktop • Power BI Report Builder
Other Tools	Elasticsearch • Terraform

EXPERIENCE

Data Engineer Senior Associate | Fulz Technologies Pvt. Ltd. | Nagpur, India
AUG 2022 - PRESENT

Azure Data Warehouse Reporting Solution for Sales Incentives for US-based client in Banking Sector
- Analyzed and identified patterns in complex Excel-based sales incentive calculations to automate reporting.
- Designed and implemented a tabular report in Azure Data Warehouse to calculate monthly sales incentives per employee.
- Ensured accurate calculation of incentives by leveraging SQL for data processing, reducing manual effort by 70%.
- Suggested a comprehensive data warehouse physical data model for efficient and scalable reporting.
- Collaborated with stakeholders to refine business requirements and ensure the final solution met client expectations.
- Enhanced data processing speed and reliability, resulting in a 30% increase in report generation efficiency.

Azure Infrastructure Provisioning Project
- Configured Point to Site VPN for secure RDP access to Azure VMs, improving remote connectivity for users by 40%.
- Set up Terminal Licenses to allow simultaneous connections for over ten developers, enhancing collaboration.
- Implemented best practices for network security and user authentication, reducing unauthorized access by 50%.
- Provided documentation and training for end-users, ensuring smooth adoption and operation of the new system.

Talend to Azure Migration Project for US-based Client in Healthcare Sector
- Prioritized and created plan for migration of 90+ Talend jobs.
- Re-designed jobs for ELT (Azure Data Factory) and ETL (Azure Logic Apps) and mix of both.
- Led offshore and onsite developers, other vendor consultants for co-ordinated delivery.
- Optimized Azure Data Factory pipelines and Azure Logic Apps workflows to achieve enhanced performance and scalability.
- Conducted thorough reviews and testing of Azure Data Factory pipelines and Logic Apps workflows before their release, ensuring reliability and efficiency.
- Demonstrated migrated jobs to offshore team for release approval, highlighting the successful execution of the migration process.
- Stayed abreast of the latest Azure documentation, incorporating new insights and best practices into workflow designs.
- Reviewed the Version Control's Merge process as an assigned Reviewer, ensuring code integrity and collaboration efficiency.
- Provided comprehensive support and leadership throughout all migration efforts, ensuring a cohesive and successful transition to Azure.

- Collaborated closely with the reporting team to validate data and address new requirements, ensuring accurate and meaningful reporting.

Data Warehousing Project for US-based Client in Healthcare Sector
- Conducted several sessions with stakeholders and business analysts to understand business requirements.
- Designed and implemented a robust data warehousing solution using Azure SQL Database.
- Developed and automated optimized SQL queries and scripts to facilitate efficient data loading into the data warehouse.
- Provided critical patient and high-need patient analysis using KPIs for several insurance payers with optimized SQL queries.
- Implemented comprehensive data validation and verification using SQL queries to ensure data quality.
- Developed automated processes using Azure Logic Apps and Azure Data Factory for seamless file transfer from various sources, including sFTP and Azure Blob Storage, to the data warehouse and other external systems.
- Enhanced data warehousing processes, leading to a 40% increase in data processing efficiency.
- Conducted rigorous performance tuning and optimization of SQL queries to improve query response times by 35%.
- Collaborated closely with data analysts to create insightful reports and dashboards, enhancing decision-making capabilities for the client.

Three System Sync Project for US-based Client in Healthcare Sector
- Designed and developed a system to synchronize real-time changes among Salesforce, EHR Cloud, and Azure Data Warehouse, reducing data synchronization latency by 50%.
- Implemented Azure Functions and CDC processes, ensuring data sync every 2 minutes.
- Created CI/CD pipelines using Azure DevOps, facilitating seamless code promotion across environments.
- Conducted comprehensive testing to ensure accuracy and reliability of data synchronization.
- Documented the entire process and provided training to the client, ensuring smooth handover and operation.

Patient Import Project for US-based Client in Healthcare Sector
- Re-engineered legacy patient import processes for US Based healthcare firm, improving data import efficiency and accuracy by 60%.
- Utilized Azure Functions, Azure Service Bus, Azure Function App, and Azure Key Vault for secure and efficient data integration.
- Conducted rigorous data validation and verification, maintaining high standards of data quality.
- Led the project release, providing thorough documentation and support for seamless deployment and future maintenance.

Associate Data Engineer | Fulz Technologies Pvt. Ltd. | Nagpur, India
AUG 2020 – JUL 2022

Enterprise Service Bus Project for US-based Client in Healthcare Sector
- Developed a scalable data integration solution using Azure Function App and Logic Apps for real-time processing of ADT messages, increasing processing speed by 30%.
- Created REST Web Service API endpoints and enhanced data validation processes, improving data accuracy by 25%.
- Implemented CI/CD pipelines with Azure DevOps, ensuring efficient code deployment and version control.
- Conducted thorough testing and debugging to ensure system stability and reliability.
- Provided detailed documentation and training to ensure effective knowledge transfer.

Data Integration for US-based Client in Healthcare Sector
- Built ETL/ELT workflows for data extraction and loading from various sources, reducing data preparation time by 20%.
- Automated data transfers using Azure services, enhancing data consistency, and reducing manual intervention by 35%.
- Developed CI/CD pipelines to streamline code promotion across environments, improving deployment efficiency by 30%.
- Conducted regular data validation and quality checks to ensure data integrity.
- Collaborated with cross-functional teams to understand and meet data integration requirements.

CERTIFICATIONS

Azure
- Exam AZ-900: Microsoft Azure Fundamentals
- Exam DP-900: Microsoft Azure Data Fundamentals
- Exam DP-203: Microsoft Certified: Azure Data Engineer Associate

AWS
- AWS Certified Cloud Practitioner

Databricks

- [Databricks Data Engineer Associate](#)
- [Databricks Lakehouse Fundamentals](#)
- [Databricks Generative AI Fundamentals](#)

Snowflake

- [SnowPro Core Certification](#)

EDUCATION

Bachelor of Engineering in Computer Technology | KDK College of Engineering, Nagpur 09, RTM Nagpur University
JUNE 2019
CGPA: 6.91/10

CURRICULUM PROJECTS

Android App Development for KDK College of Engineering

- Created high-level and low-level designs for the Android application.
- Developed the Android app for students to receive all notifications and details from the college and department.
- Designed and created a key-value store Firebase database for processing instant notifications.
- Implemented notifications using Firebase Cloud Messaging.
- Developed the backend in Angular using AngularFire for teachers and management.
- Performed unit testing and integration testing of the modules.

Web Portal Development for NSS Unit, KDKCE Nagpur

- Created high-level and low-level designs for the web application.
- Designed and created a key-value store database using MongoDB.
- Performed unit testing and integration testing of the modules.
- Deployed the website on a hosting platform using cPanel and FileZilla.

Web-Based Digital Medicine Prescription System

- Developed a web application for digitizing handwritten medicine prescriptions with features like a prescription notepad, drug substitute search and replace, print prescription, share prescription via email, and user management.
- Created high-level and low-level designs for the web-based application.
- Contributed to the development of the web application frontend using HTML, CSS, and JavaScript.
- Designed and created a database in MySQL for storing user data and medications data.
- Performed unit testing and integration testing of the modules.