Jagadeesh Reddy Nelluri

Role: Techinical Architect **Specialization:** Azure Data platforms., MS SQL, Python and .Net technologies

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I have 17 years of experience in IT industry. I have worked on Microsoft Technologies like Azure cloud as PaaS. Especially in PaaS I have worked on Azure Data Platforms of Azure Data Factory, Azure Data Lake Analytics, Azure Data Bricks, Azure Functions, ADLS, Blobs, Logic Apps, Event Hubs and .Net, TSQL, SSIS. Apart from Microsoft technologies, I have extended my programming skills and algorithm skills to Python , Machine learning and NoSQL database to enrich the customer goals and needs.

Experience Summary

❖ Working on Azure cloud platforms as Azure Developer, Azure Data Engineer and Azure Data consultant.

❖ Working on Azure Blobs, Azure Data Lake Storage, Azure Data Factory, Azure Functions, Azure Data Bricks and Azure Data Lake analytics.

❖ Implementing the ETL, ETL, ELTL methodologies.

❖ Working on reporting tools like power Bi and Tableau.

❖ Designing the workflows using Azure functions with C# in cloud environments.

❖ Expertise in USQL, Notebooks using python, Spark SQL to transform the raw data for data analytics.

❖ Applying various Machine learning algorithms on various heterogenous data sources.

❖ Expertise in creating the Data Models Data Mart, Snowflake, Star schema models with Data factory pipelines using Data flow tasks and copy data activities.

❖ Good understanding of Spark Architecture including spark core, spark SQL, DataFrame, Spark streaming, Driver Node, Worker Node, Stages, Executors and Tasks, Deployment modes, the Execution hierarchy, fault tolerance, and collection

❖ Working on cloud optimization and cloud services.

❖ Good understanding of Machine learning algorithms.

❖ Ability to work on Azure Devops using Ansible scripts, YAML, JSON and playbooks.

❖ Strong interpersonal and communication skills with an ability to lead a team and keep them motivated.

❖ Extensive Experience in SDLC and Agile Process.

❖ Good experience in interacting with product managers, developers, customer support and help them in base line the requirement specifications.

❖ Strong Client facing and requirement gathering skills.

Technical Skill Set:

Technology	Tools

Language	Python, C#, VB and Scala.
Database Languages	SQL , T-SQL, PLSQL and NoSQL
Azure Data Platforms	Azure Data factory, Azure Blobs, ADLS , Azure Functions, Azure Data Lake Analytics, Azure Databricks, Azure SQL and Microsoft Azure Synapse
Azure pass services	Logic apps, Event hubs, IOT hub, Messaging, Azure App insights, Azure Key vault, App services and AAD

Web Technologies	MVC, ASP.Net, C#, HTML, CSS, JavaScript, and jQuery
Tools/Technologies	.Net Core &frameworks, Azure cloud – Data Platforms, and VS.NET & Code, Storage explorer, postman, swagger.
Databases Tools	SSMS, Visual Studio Business Intelligence
Development Methodologies	Agile, Scrum, Kanban and Waterfall

Education Summary

Bachelor of technology in Electronics and Communication engineering (B.Tech in E.C.E) from Jawaharlal Nehru Technology University, Hyderabad.
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Detailed Summary

Organization:

ITSoli   **From:** 15- Nov-2022 **To:** Till Date

Current Project #7: Vertica Retirement
Client: HP, India

Description:

Vertica Retirement project is migrating to the on-premises Vertica data warehouse into Federal Data lake house. As part of Migration, we are moving many applications to Azure cloud for cost benefits and leveraging the cloud benefits.

Responsibilities: Tech Architect

- ❖ Understanding the client frameworks and Processes to implement the successful project

- ❖ Participate in the data collection points and requirements and document it for better understanding for developers and other stake holders.

- ❖ Preparing the Data ingestion and Data Analysis documents and getting approval from various authorities.

- ❖ Working on Vertica database for Data analysis and for project analysis.

- ❖ Creating the Azure data bricks python notebooks and ingestion the data from various sources into FDL.

- ❖ Create custom pipelines for pulling the data from HPRC into FDL.

- ❖ Writing and reviewing the code and testcases as per standards and project requirements.

- ❖ Follow up with dependency teams for development readiness. Avoiding blockers or impediments by discussing in daily scrum meeting.

Organization:

DXC Technology   **From:** 07- Apr-2022 **To:** 26-Oct-2022

Project #6: Fiona
Client: Ahold, USA

Description:

Fiona project is supporting the data related projects across Ahold organization, Migrating and Processing the data across the enterprise and It will also create automation workflows to make process much more efficient.

Responsibilities: Tech Architect

- ❖ Handling various activities of the project like information gathering, analyzing the information gathered, transform the functional or business requirements into technical specifications.
- ❖ Designing and implementing the Azure PaaS services best for business needs.
- ❖ Doing the architectural review for the proposed solutions.
- ❖ Created pipelines, linked services and datasets using Azure Data factory.
- ❖ Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, ech transformation, and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.
- ❖ Creating customized notifications using the Azure logic apps and webhooks.

Organization:

Accenture   **From:** 06- Sep-2021 **To:**18-Mar-2022

Project #5: AIG - Data Governance
 Client: American Insurance Group (AIG)

Description:

To develop and handle the QuickBase SaaS data to ingest on the cloud platforms to make in refined way for analytical purpose across various Towers for the business users and for their decision-making process.

Responsibilities: Business Integration Arch. Team Lead

- ❖ Handling various activities of the project like information gathering, analyzing the information gathered, transforming the functional or business requirements into technical specifications.
- ❖ Designing and implementing the Azure PaaS services best for business needs.

- ❖ Doing the architectural review for the proposed solutions.

- ❖ Created pipelines, linked services and datasets using Azure Data factory.

- ❖ Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, transformation, and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.

- ❖ Working Apache spark with python frameworks on various data models and achieving ELT.

- ❖ Worked on storage services ADLS, Azure blob, and its containers.

- ❖ Monitor and analyze the azure logs for any failures and resolve the issues using Azure app insights.

- ❖ Worked on reporting models using Power Bi.

- ❖ Working with various connectors QuickBase, Resp APIs. O365 and SAP and MS Dynamic 365 CRM tools.

Organization:
Wipro Technologies   **From:**13- May-2013**To:**03-Sep2021

Project #4: PetroDAS and Rocks and Fluids
Client: Chevron, USA

Description:

To develop and handle the on-premises data to ingest on the cloud platforms to make in refined way for analytical purpose across various departments and the business users.

Responsibilities: Technical Lead

- ❖ Handling various activities of the project like information gathering, analyzing the information gathered, transforming the functional or business requirements into technical specifications.

- ❖ Created pipelines, linked services and datasets using Azure Data factory.

- ❖ Worked on Azure analytics using ADL storage and USQL.

- ❖ Worked on reporting models using Power Bi.

- ❖ Monitor and analyze the azure logs for any failures and resolve the issues.

- ❖ Experience in Developing Spark applications using Spark - SQL in Databricks for data extraction, transformation, and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.

- ❖ Worked on Azure serverless functions to make on-demand ingestion data.

- ❖ Using spark-sql in Databricks for data extraction, transformation, and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns.

- ❖ Working .Net Core 3.0 and Blazer framework.

- ❖ Working Apache spark with python frameworks on various data models and achieving ELT.

- ❖ Worked on storage services Azure blob, Azure data lake storage.

- ❖ Migrated the on-premises data to Azure SQL Datawarehouse.

- ❖ Monitor and analyze the azure logs for any failures and resolve the issues using Azure app insights

- ❖ Worked on Azure serverless functions to give exposure to the outer world to check QAQC process.

- ❖ Worked on Automation process using Azure logic apps.

Project #3: Credit Account Information System
Client: Npower, UK
Tools Used: VS.NET, Azure Cloud utilities, MongoDB Compass

Description:

To evaluate the defaulters and clients credit worthiness and generate the reports in utilities sector for the business stake holders and adhere to compliance to regulations of UK government.

Responsibilities: Lead Consultancy

- ❖ Worked as Azure Data Engineer.

- ❖ Mange the program following AGILE SCRUM methodology.

- ❖ Worked on MSSQL.

- ❖ Working on Data Analytics using USQL.

- ❖ Building and deploying the Data Models and DataMart's.

- ❖ Analyzing and reporting the enterprise Data.

- ❖ Evaluating and enhance the performance quality.

- ❖ Working Azure SQL data warehouse(synapse)

Project #2: Microsoft License Agreement
Client : Microsoft, USA
Tools Used: VS.NET, SSIS and Azure Cloud

Description:

To automate and generate the license agreements of various products being sold by Microsoft and making the configuring via automation process and tools.

Responsibilities: Technical Lead

- ❖ Leading the development team and testing teams.

- ❖ Configuration of the system via Automation process whenever the licenses changes.

- ❖ Reducing the efforts and improved overall efficiency with solutions.

- ❖ Tools, utilities design and development for automation.

- ❖ Worked on Data Migration on-premise to Azure.

- ❖ Worked on Azure CICD pipelines to deploy six different applications.

- ❖ Worked on the web deployments on AZURE App service.

- ❖ Working on migrating the SSIS packages and SSRS reports

Organization:
Verizon Data Services India   **From:** 07- May-2006 **To:** 07- May-2013

Project #1: OneSource System

Client: Verizon, USA

Tools Used: VS.NET, SSMS

Description:
To develop and handle the enhancements ordering application of telecom products like custoflex, centrex, Fios product via customer care specialists.

Responsibilities: Module Lead

- ❖ Handling various activities of the project like information gathering, analyzing the information gathered, documenting the functional or business requirements.

- ❖ Developing the Database objects like stored procedures, functions, Tables.

- ❖ Worked the DBMS and DW concepts.

- ❖ Worked and developed the web pages using the web technologies like HTML, CSS, and JS frameworks.

- ❖ Implementing Testing plans.

- ❖ Develop / enhance and support applications end – to – end.

- ❖ Solution design for all new enhancement.

- ❖ Worked and developed the web pages using the web technologies like HTML, CSS, and JS frameworks.