Gagan Agrawal

Assistant Systems Engineer

Contact

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Education

Bachelor of Technology
Galgotias College of Engineering and Technology
2016-2020 - CGPA 8.09

Class - XII CBSE
Shriji Baba Saraswati Vidya Mandir, Mathura
2014-2015 - 89%

Class - X CBSE
Shriji Baba Saraswati Vidya Mandir, Mathura
2012-2013 - 89.3%

Achievements

Applause for Team Award
Granted by supervisors on achieving the first delivery milestone.
April 2022

On The Spot Award
Granted by supervisors to recognize accomplishments that represent steps toward achievement of organizational goals or purposes
June 2021

Research Paper accepted in MEDCOM 2020, Iternational Conference on Smart Communication and Imaging Systems
April 2021

Secured 3rd position in LFR Race organized by GBU
Nov 2017

Certifications

Microsoft Certified: Azure Fundamentals
March 2021 - does not expire

Microsoft Certified: Azure Data Fundamentals
May 2021 - does not expire

Microsoft Certified: Azure Data Engineer Associate
June 2021 - June 2023

👤 Profile

Currently working as a Data Engineer at TCS with 1 year 5 months experience in Software Development. I use various Azure services to achieve the task for example, Azure Data Factory, Azure Synapse, Azure Storage Account, Azure Databricks etc..

💼 Work Experiance

Assistant Systems Engineer   **Nov 2020-Present**
Tata Consultancy Sevices / Pune, Maharashtra

↪ Working with latest technologies, MS Azure, Core Java, SQL
↪ Design and develop code structure to support new functional/ non-functional requirements
↪ Provide technical and functional support to the team members
↪ Ensure sprint commitments are met while maintaining the quality of the code and software
↪ Review/debug the existing functionalities and provide fixes/workarounds where and when required
↪ End to end deployment of code.

👥 Skills

Core Java   Azure Data Factory   Azure Synapse   ADLS   MYSQL   Teradata   Netezza   Scala

👥 Other Tools

Eclipse   IntelliJ   MySql workbench 6.3   Synapse Pathway

🗔 PROJECTS

MOJO Data Pipeline 1/2022 - Present
Description
↪ This pipeline is based on Scala. It takes inputs from different On-premise Azure Storage Accounts and stores the output to storage accounts, Azure SQL Database and PostgreSQL Database according to the business requirements. The jobs are scheduled through Azure Databricks Workspace.
Technologies/Environment
↪ Scala, Azure Databricks, ADLS, IntelliJ.
Responsibility
↪ Optimization of the pipeline according to the requirement.
↪ Deployment on Azure Databricks.
↪ Application maintenance and support.

Teradata to Synapse Migration 10/2021 - 12/2021
Description
↪ This pipeline is designed for migrating whole database from On-premises Teradata to Azure Cloud.
Technologies/Environment
↪ Teradata, Synapse Pathway, sqlcmd, ADF, ADLS, MySQL.
Responsibility
↪ Creating database and objects in Netezza.
↪ Identify all objects in Teradata and maintain inventory.
↪ Conversion of Table DDLs to Synapse equivalent.
↪ Loading data from Teradata to Synapse.

Netezza to Synapse Migration 7/2021 - 9/2021
Description
↪ This pipeline is designed for migrating whole database from On-premises Netezza to Azure Cloud.
Technologies/Environment
↪ Netezza, Synapse Pathway, azcopy, ADF, ADLS, MySQL.
Responsibility
↪ Creating database and objects in Netezza.
↪ Conversion of Table DDLs to Synapse equivalent.
↪ Unloading data from Netezza to ADLS.
↪ Loading data from ADLS to Azure Synapse.