

Arjun A S

Data Engineer

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Experienced **Data Engineer** skilled in **PySpark SCALA, SQL, Azure Synapse Analytics, Azure Data Factory** and **Power BI**. Currently automating legacy data workflows for a Microsoft project to deliver efficient and scalable solutions. Former **Power BI Developer** with experience in creating impactful dashboards and driving data-driven decisions

Work History

Apr 2023 - Current

Senior Systems Engineer

Infosys Ltd., Trivandrum, India

- **Migrated Legacy SQL Processes** : Translated legacy **SQL** logics, queries and stored procedures into **PySpark - SCALA** transformations to modernize and automate data transformation processes
- **Optimized Data Transformations** : Enhanced existing **SCALA** transformation logics to improve module runtimes, ensuring accuracy, efficiency and scalability of data processing workflows
- **Azure Cloud Integration** : Hands-on experience with **Azure** cloud-based services including: **Azure Synapse Analytics** for data analysis, data analytics and transformation creation. **Azure Data Factory** to design and orchestrate legacy **ETL** processes. **Azure Data Lake** for secure storage and data management. **SQL Server** for legacy data analysis, data management
- **Data Visualization & Reporting** : Developed interactive dashboards and visual reports using **Microsoft Power BI**, tailored to meet business and user requirements
- **Incident Management (ICM)** : Actively resolved **ICM** tickets by performing thorough debugging, root cause analysis and implementing timely solutions to ensure smooth system operations
- **Process Optimization & Innovation** : Worked across on multiple processes to identify data bottlenecks, automate workflows and generate actionable insights for improved efficiency and performance

Feb 2022 - Mar 2023	<div>Systems Engineer <i>Infosys Ltd., Trivandrum, India</i><ul style="list-style-type: none">Analyzed data using legacy SQL and migrated SQL logics to modern SCALA transformations to improve performance and automationWorked with Azure cloud services including Azure Data Factory for legacy ETL processes and Azure Synapse Analytics for efficient data analysisCreated dynamic dashboards and reports with Microsoft Power BI to meet reporting needs of business</div>
Feb 2021 - Dec 2021	<div>Project Coordinator - BI Developer <i>Skybertech IT Innovations Private Limited, Remote</i><ul style="list-style-type: none">Designed and handled different ERP & BFSI - Banking BI ProjectsDesigned, visualized customized data plots - dashboards, menu-driven, row-level secured reports for specific client requirementsHands-on experience in Power Query Editor & SQL Server</div>
Feb 2020 - Jan 2021	<div>Junior IT Coordinator <i>Skybertech IT Innovations Private Limited, Remote</i><ul style="list-style-type: none">Coordinated several IT related client tasksPrepared several reports, documents to ensure smooth operations</div>

Education

Aug 2015 - Jan 2020	<div>Bachelor of Technology: Computer Science and Engineering <i>NSS College of Engineering - Palakkad, India</i></div>
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Personal Details

Date of Birth: 10/10/1997

Software

Microsoft Power BI	<div><div></div><div></div><div></div><div></div><div></div></div>
SQL Server	<div><div></div><div></div><div></div><div></div><div></div></div>

Languages

- English
- Malayalam
- Hindi