Arularasan

Software Engineer

7+ years of experience in IT as a Software developer and SRE in software cycle encompassing analysis, design, development, unit testing, and implementation.
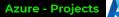Certified Azure Data Engineer with Hands-on experience on Azure Data factory, Azure Synapse Analytics and Azure Data Bricks.

Work Experience

Senior Associate

2020 - 2023

Azure - Projects

📁 Built end-to-end pipelines in ADF and ADB, Integrated data from diverse sources, including on-premises databases, external APIs unified data processing, Leveraged Azure Data Lake Storage for efficient data storage, Integrated Azure Key Vault for robust security measures, parameters for pipeline reusability, Set up CI/CD pipelines for Data pipelines deployments.

Spring - Projects

📁 Automation Log API - Built using Java spring boot framework an API to consolidate all automations executed and report in Kibana Dasboard.
📁 Operational Event Bus - Built using Java spring boot framework & Kafka for processing events in Real-time

Tableau - Projects

📁 Developed SLA Reports, Feed Availability Dashboard Reports, Data Sanity Story Reports
📁 Developed RAG Reports (Linear regression), OLA/KPI Trend line & Heat map Reports

Python - Projects

📁 Spark Monitoring - Built using python for monitoring/alerting long running spark jobs by monitoring the spark history server API's.
📁 KPI Monitoring - Built using python for extracting/processing data from PostgreSQL/Vertica and post them to an API.

Associate

2015 - 2020

ETL - Projects

📁 Informatica Powercentre - Development, enhancement of Informatica mapping to support data extraction, transformation and loading (SCD), Performance tuning, administration, Migration , Reverse engineering and production support
📁 Unix Automations - Automated Data backup, Data restore on Sybase & Unix scripts to copy file's from production, file transfer between servers using SFTP and FTP
📁 Datastage Migration - Datastage migration from 8.5 to 11

Education

2011 - 2015

B.E - Electrical and Electronics Engineering
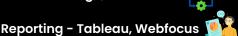
Certifications

Azure - Certified Data Engineer

Azure - Designing Azure Infrastructure Solutions

Azure - Fundamentals

Skills

ETL - Datastage, Informatica

Reporting - Tableau, Webfocus

Automation - Ansible , UCD

Languages - Java, Python

Framework - Spring, Kafka, ELK

Cloud - Azure, PCF, Openshift

Contact Info

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🌐 https://www.arularasan.com