MOHAMMED SHARIQUE

Chennai **|** mdshariquek16@gmail.com **|** +91 9080534237 **|** LinkedIn **|** Portfolio | GitHub

WORK EXPERIENCE

Associate Data Science
UST Global

May'2024 - Present
Trivandrum - Hybrid

- Engineered a robust **Metadata-Driven Data Integration (MDDI)** framework with **Python, PySpark,** and **Spark SQL,** reducing processing time by 30% and ensuring 99.9% accuracy by implementing the **Medallion Data Architecture**, optimizing data flow to high-quality datasets.
- Designed and deployed end-to-end **ETL** pipelines leveraging **Azure Data Factory (ADF)** and **Azure Synapse Analytics**, integrating 200GB+ of data daily and reducing manual processing efforts by 50%, ensuring high performance and scalability for enterprise data workflows.
- Specialized in **Snowflake** for advanced analytics, real-time data sharing, scalable data models, and improving query performance by 40% and optimizing data pipelines for **business intelligence.**

Junior Software Developer
Kirshi Technologies and Consulting Pvt Ltd.

Mar'2024 - May'2024
Chennai - Hybrid

- Contributed as a Full Stack Software Developer, utilizing modern technologies such as **JavaScript, React.js, Node.js, SQL,** and **REST APIs** and enhancing user engagement by 25%.
- Developed and integrated over 15+ RESTful APIs, streamlining data exchange between the front end and **SQL database**, optimizing data management and ensuring seamless communication.
- Played a key role in building the Client's Love Hope web application, developing features for both admin and user-facing sides, resulting in a 20% improvement in operational efficiency.

Software Developer Intern
Shiash Info Solutions

Oct'2022 - Jan'2023
Chennai

- Designed and implemented responsive web pages, enhancing user experience and increasing user retention by 15% through improved **UI/UX** and faster load times in iterative development.
- Integrated **RESTful APIs** with Node.js, delivering personalized and dynamic data to the UI.
- Acquired hands-on experience with the (SDLC) and Agile methodologies.

SKILLS

- **Programming Languages:** Python, Java, JavaScript
- **Databases & Data Warehousing:** SQL, PostgreSQL, MongoDB, Azure SQL Database, Snowflake
- **Cloud & Data Engineering:** Microsoft Azure Data Factory, Azure Synapse Analytics, Azure Databricks, Microsoft Fabric, Pandas, NumPy, SK-learn, Apache Hadoop, PySpark, PowerBI.
- **Web Development:** React.js, Node.js, RESTful APIs, Postman

PROJECTS

- **MDDI Framework - ETL |** Technologies Used: Python, PySpark, Spark SQL, PowerBI

Architected a Metadata-Driven Data Integration (MDDI) Framework to streamline ETL processing for large-scale data integration tasks which dynamically adapting to metadata changes.

- **Text-to-Speech & Speech-to-Text |** Technologies Used: Python, javaScript, React.js, Node.js

Developed a site that helps the users to transform their Text into Speech (TTS) and Speech into Text Format by using Python library Speech Recognition for performing speech recognition across sites.

EDUCATION

B.E in Computer Science Engineering (B.E - CSE)
Anna University, Chennai | **CGPA : 8.48**

June'2019 - June'2023
Chennai

CERTIFICATIONS

- Microsoft Certified: Azure Data Engineer Associate (DP-203) - ⧉
- Microsoft Certified: Fabric Analytics Engineer Associate (DP-600) - ⧉
- Crio Certified: Full Stack Software Developer - ⧉