

OBJECTIVE

To secure a challenging position as a Data Engineer in a forward-thinking organization where I can leverage my technical skills, analytical mindset, data visualization and dedication to build robust data pipelines and infrastructure that support data-driven decision-making.

EXPERIENCE SUMMARY

- 2.5+ year experience in data engineering and analytics with strong expertise in SQL, Informatica PowerCenter for ETL development.
- 1+year of hands-on experience in SSMS and SSRS with applied knowledge of SQL performance tuning techniques to optimize query performance.
- Proficient in using Informatica PowerCenter to design and implement ETL processes for efficient data extraction, transformation and loading.
- Experienced in data cleansing, data profiling and implementing data mining features to ensure high data quality and support business intelligence initiatives.

SKILLS

- SQL
- SSMS & SSRS
- Performance tuning
- Power BI
- Informatica PowerCenter

WORK EXPERIENCE

Data Engineer | Programmer Analyst

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February 2024 – Present

- Analysed and processed large volumes of data to develop insightful reports aligned with client requirements. Used SSMS for writing and optimizing complex SPs to fetch accurate datasets.
- Developed and deployed SSRS using visual studio.
- Enhanced existing report and implemented change request efficiently.
- Applied SQL performance tuning techniques such as indexing, query optimization and execution plan analysis to improve data retrieval efficiency.
- Proactively identified potential bottlenecks and resolved issues well head of delivery timelines, improving delivery consistency and minimizing production issues.

ETL Developer | Programmer Analyst

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November 2022 – February 2024

- Imported Source and target table from database and developed reusable transformations and new mappings in Informatica PowerCenter to support scalable ETL processes.
- Implemented Slowly changing dimension (SCD) techniques to manage historical data and ensure accurate backups.
- Hands-on experience with SQL server for developing views, user-defined functions, stored procedures and triggers supports robust relational data processing and business logic.

Bigdata Intern Trainee | Intern

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February 2022 – July 2022

- Completed mentor-led and self-paced training on Hadoop and Apache Spark using python and Scala.
- Analyzed terabytes customer data of Company 'X' using Databricks tool, applying Spark, python & SQL, and generated with actionable insights to improve marketing strategies and customer engagement.
- Conducted in-depth analysis of flight log dataset using Spark and Databricks. Generated partitioned and cleansed reports that structured data into buckets based on filter condition.
- Roles & Responsibilities: Led team meetings, maintained intern records and project documentation and facilitated communication between mentors, coaches and fellow intern.

Frontend developer | Intern

Walnut Infotech | California

June 2021 – November 2021

- Performed unit testing to understand application workflow and identify UI and backend bugs.
- Designed and developed four responsive UI pages for an online course registration system using Flutter, incorporating UX principles.
- Integrated frontend with backend APIs, tested using postman and collaborated with the backend team for smooth API functionality.
- Used Git for version control and code collaboration.
- Roles & Responsibilities: conducted unit testing, designed and developed user interface, and integrated frontend with backend services.

EDUCATION

Meenakshi Sundararajan Engineering College

BE Computer Science and Engineering **CGPA** : 8.7 (Batch 2022)

Loyola Matriculation Higher Secondary School

HSC : 88.5% (passed out: 2018) **SSLC** : 89.8% (passed out: 2016)

CERTIFICATION

- 'SQL Intermediate-201' Hacker Rank Certification
- Microsoft Certified: Azure data fundamentals
- Microsoft Certified: Power BI Data Analyst Associate