
Sofia Mahajan

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Amritsar, Punjab

Summary

Senior Database Developer with +6 years of experience in the pharmacy domain. Proven track record of design, develop and test complex SQL scripts and ETL pipelines. Optimize and raise database efficiency by using different techniques. Skilled in building and testing ETL pipelines and managing both structured and unstructured data on both on-premises and in the cloud (AWS). Experience in developing Python. Managed other developers and collaborate with coworkers to produce functional databases and smart solutions. A trainer who successfully motivated a group of young developers into getting the highest accolades for their recent endeavors.

Certifications

- AWS Certified Developer – Associate
 - Ultimate AWS Certified Cloud Practitioner
 - Oracle SQL Certification Course
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Experience

Tata Consultancy Services (TCS)

Senior SQL Developer

06/2015 - Present

- Designing and developing database objects like tables, view, triggers, procedures, functions for the application.
 - Constructing pipelines for inbound data flow from sources like flat files and excel into a database using ETL tools like SSIS.
 - Good Knowledge of working with facts, dimensions, multi-dimensional cubes.
 - Building various types of reports using SSRS.
 - Knowledge of visualization tools like PowerBI.
 - Improving performance time by optimizing the SQL queries and stored procedures.
 - Diagnosing deadlocking and blocking issues on production databases.
 - Extensively worked on creating, populating, and maintaining data marts.
 - Thorough knowledge of Features, Structure, Attributes, Hierarchies, Star and Snow Flake Schemas of Data Marts.
 - Creating and maintaining data flow diagrams for existing and future ETL processes.
 - Communicated with business customers to discuss the issues and requirements. Effectively worked in Onsite and Offshore work models.
 - Experience in creating test scripts, logging defects, document requirements, and generating traceability report HP ALM tool and Informatica Data validation option tool for both manual and automation testing.
 - Created and executed test scripts, logged, reported, and validated the Defects on every build.
 - Created X-queries for displaying the data of complex XMLs in tabular format in Oracle.
 - Experience in Object-Oriented Analysis concept implementation, design, and development skills.
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Education

Masters In Computer Application (MCA)

SASTRA Deemed University Thanjavur, Tamil Nadu

02/2020

Graduated first class with distinction – 8.3 CGPA

Bachelor of Computer Application (BCA)

BBK DAV College Amritsar, Punjab

04/2015

Graduated first class with distinction – 8.0 CGPA

Skills

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| <ul style="list-style-type: none">• SQL• Oracle• T-SQL• AWS• HTML5• JavaScript• HP ALM• RESTAPI• Docker• ETL• SSRS• Python | <ul style="list-style-type: none">• SQL Server• MySQL• PostgreSQL• Java• CSS• Informatica• OData Services• OpenShift• Datawarehouse• SSIS• Power BI• API Gateways |
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Languages

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| <ul style="list-style-type: none">• English• Punjabi | <ul style="list-style-type: none">• Hindi |
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