SQL, PYTHON, MSBI & AUTOMATION DEVELOPER

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CARRER OBJECTIVE

Seeking a Challenging Career in Software development in a Progressive Organization where my Technical Skills and Abilities will be mutually utilized for Organizational Growth as well as my Career Enhancement.

PROFESSIONAL EXPERIENCE

- Having around 4.5 years of Professional experience in IT industry, I specialize in SQL, Python, SSIS, Selenium automations, and developing both desktop and web applications. My expertise spans end-to-end project execution, having successfully completed 100+ data migrations and delivered 370+ unattended automations, saving over 2,000+ hours per month. I leverage API-driven automations to optimize manual workflows among teams, enhancing collaboration and productivity. Many of my innovations have been developed for IDMS and CRM products, where I have optimized Salesforce workflows and Outlook processes through APIs, contributed to cross-functional teams, and built automated solutions for both Professional and Product teams to drive operational efficiency.

MICROSOFT SQL SERVER:

- Worked closely with development team to create **Stored Procedures, User Defined Functions (UDF)** and also good knowledge on **troubleshooting the Store Procedures**.
- Very well experienced in writing simple and complex SQL queries using **Joins** and **sub queries**.
- Expertise in creating **Temporary Tables, Table Variables and Common Table Expressions (CTE).**
- Extensive experience in analyzing the **Entity Relationship (ER) Diagrams** and designing the databases with proper relationships.
- Strong knowledge in functions like **Analytical Functions, String Functions, Date Functions and Aggregate Functions.**

PYTHON:

- Knowledgeable in developing **Web-based, Desktop-based Python applications** to automate data validation, error detection, and correction processes.
- Experienced in **Data processing and Transformation** using libraries such as **Pandas, NumPy, and openpyxl**.
- Skilled in creating **Automation Scripts** to streamline repetitive tasks and integrate with APIs for workflow optimization.
- Developed Python utilities to **Process large datasets** and perform advanced data cleansing operations.
- Built Python solutions for **Cross-team Automations** that integrate with SQL Server, IDMS, CRM, and other business systems.
- Implemented **Selenium-based UI automation** to handle configuration-related manual processes, reducing setup time and minimizing human error.
- I am Knowledgeable in **File parsing and manipulation** (CSV, Excel, JSON, XML) for seamless data migration and reporting.

SQL, PYTHON, MSBI & AUTOMATION DEVELOPER

SQL SERVER INTEGRATION SERVICES (SSIS):

- I am familiar with using **Sequence Container, For Each Loop Container and for Loop Container**.
- Good expert in using transformations like **Conditional Split, Sort, Union All, Data Conversion, Multicast, Slowly Changing Dimension (SCD) and Merge**.
- Good knowledge in using tasks like **Execute SQL Task, Send Mail Task, FTP Task and Bulk Insert Task.**
- Better knowledge in using **Break Points, Check Points and Handling Errors.**

SQL SERVER REPORTING SERVICES (SSRS):

- Worked on some **Reports** like **Drilldown, Drill Through, Sub Reports and Parameterized Report.**
- Expertise in creating **Linked Reports, Snapshot Reports and Cache Report** in report manager level
- Strong experience in grouping and writing expressions and deploying the reports into report server.

AI TECHNOLOGIES:

- Experienced in **Supervised Machine Learning algorithms** including Logistic Regression, Random Forest, Decision Trees, SVM, and Gradient Boosting for classification and prediction tasks.
- Knowledgeable in **Natural Language Processing (NLP)** techniques such as tokenization, stemming, lemmatization, sentiment analysis, and text classification.
- Hands-on experience with **Large Language Models (LLMs)** and transformer architectures for custom AI applications.
- Knowledgeable in Python ML libraries including **scikit-learn, TensorFlow, PyTorch, and Keras**.

EDUCATIONAL QUALIFICATION:

Completed **B.Tech (Computer Science and Engineering)** in the year of 2019 from affiliated **Jawaharlal Nehru Technological University, Ananthapur**.

Pursuing **M.Tech (Artificial Intelligence and Data Science Engineering)** from **Indian Institute of Technology, Patna.**

TECHNICAL SKILLS

Relational databases	**:** SQL server 2016/2012
Tools and packages	**:** SQL Server Management Studio, VScode, SSIS, SSRS, Power BI
Languages	**:** SQL, Python, Selenium, API's
Application Packages	**:** MS Office, MS Outlook

CERTIFICATIONS & ACHEIVEMENT:

- IBM Certified Data Science Professional.
- DeepLearning.AI certified professional TensorFlow Developer.
- Secured AP state **8th rank** in 11th standard State Board Exams.

PROFESSIONAL EXPERIENCE

- Currently I am working in Solera Inc, as a **SR Data Implementation & Automation Specialist**, Bangalore since June 2021 to till date
- Worked as an Intern and Freelance on various projects based on SQL, Python, Excel and SSIS during the period between 2020 to 2021

PROJECT DETAILS

PROJECT:

Project Title	:	**IDMS DATA MIGRATIONS**
Role	:	Data Implementation Specialist
Organization	:	Solera Inc
Unit	:	Professional Services
Product	:	IDMS

Description:

At Solera Inc., a global leader in vehicle lifecycle management, I specialize in migrating active and historical dealership data from legacy DMS platforms to Solera's cloud-based IDMS — a system designed to streamline sales, inventory, finance, and customer management through integrated accounting, reporting, and API-driven automations.

Roles & Responsibilities:

- Developed Stored Procedures by using joins, sub queries, functions and views.
- Retrieve the data as per the requirement from Database using SQL Queries.
- Transferred data from various data sources, such as MS Excel, CSV files into SQL Server 2016.
- Developed stored procedures, functions, and complex SQL queries using joins and inbuilt functions tailored to dealer-specific data.
- Developed and executed SQL queries utilizing joins and inbuilt functions tailored to dealer-specific data, and deployed scripts to migrate data from legacy DMS systems to Solera IDMS production environments.
- Created a web-based Python application to detect and fix data inconsistencies.
- Conducted regular dealer calls to gather insights and ensure data migration accuracy.
- Successfully completed 100+ active and historical data migrations for dealerships.
- Resolved numerous production data issues to maintain system accuracy and performance.
- Experienced in deploying SSIS packages and integrating SQL queries within Windows batch scripts, automating execution on a scheduled basis to ensure timely and efficient data processing

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Environment: SQL server, Python, SQL Server Integration Services, Batch Files, S3 bucket

PROJECT:

Project Title	:	**AUTOMATIONS**
Role	:	SR Data Implementation & Automation Specialist
Organization	:	Solera Inc
Unit	:	Professional Services, Product Team
Product	:	IDMS, CRM and other platforms

Description:

Recognized for my automation expertise in data migration projects, I was promoted to Senior Data Implementation and Automation Specialist. In this role, I automated numerous manual processes across teams and products, developing unattended automations for IDMS and CRM core products that collectively save over **1,000** manual hours each month.

Automated Projects on CRM:

- **CRM Build Automation** - Fully automated the manual build process by integrating with the Salesforce API, leveraging Selenium, Python, and REST APIs. Implemented unattended execution on a VM, successfully completing **330+ builds** and saving over **11,550 manual work hours**.
- **Desking Build Automation** - Designed and implemented an automated desking process for CRM, reducing execution time by **7 hours per project**. Configured to run unattended on a VM, eliminating the need for human intervention.
- **VIN Generator API** (on Product Team request) - Developed a Python-based tool to generate vehicle VINs from vehicle details, utilizing APIs for accurate and efficient VIN generation.

Automated Projects on IDMS:

- **Data Migration Tool -** Developed a web-based application for IDMS (INV & BHPH) data migration using Python, SQL, and SSIS. Successfully migrated **80+ projects**, saving an average of **16+ manual work hours per project**.
- **IDMS Build Automation -** Automated the IDMS build and configuration process, achieving unattended execution on a VM. Delivered an average **400+ hours of savings** across 10 projects per month by eliminating manual intervention.
- **Channel Transfer Automation -** Implemented an automation solution to seamlessly transfer dealer, wholesaler, auction, inventory buyer, vendor company, insurance agent, and insurance company data into the IDMS product.
- **AI-Powered CRM & IDMS Query Assistant -** Designed and deployed a Large Language Model (LLM) to assist the team in diagnosing CRM and IDMS Data issues, providing both root cause analysis and optimized SQL query solutions.

Environments: Python, Selenium, SQL Server, APIs, SQL Server Integration services, Batch files

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