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| SUMMARY |
| Sahil Vohra is starting a new journey in Publicis Sapient as Senior Associate Data Engineer L1. Looking forward for a productive engagement with Sapient |
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| Software development engineer - Data, with a concentration on data analytics automation and cloud with 4 years of technology experience in the areas of Data Engineering, Data Warehousing, ELT/ETL domain. Prior to Joining Sapient Sahil was associated with Teksystems Global services as Senior Software engineer with focused roles in the data engineering domain |

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| WORK EXPERIENCE: |
| **Publicis Sapient July 2023 To Present** |
| **Summary:**Starting a new journey in Publicis Sapient as Senior Associate Data Engineer L1. Looking forward for a productive engagement with Sapient Software development engineer - Data, with a concentration on data analytics automation and cloud with 4 years of technology experience in the areas of Data Engineering, Data Warehousing, ELT/ETL domain. Prior to Joining Sapient Sahil was associated with Teksystems Global services as Senior Software engineer with focused roles in the data engineering domain |
| **TEKsystems Global Services August 2019 To July 2023** |
| **Allegis Opco Migration, Data Engineer, Snowflake Developer** |
| **Description:**Migration of client's ecosystem which includes Data, Code, ELT etc. from On-prem to Snowflake cloud data warehouse. Develop ELT workflows in matillion as per requirements. Integrating different data sources to Snowflake. |
| **Roles and Responsibilities:**• Orchestrated the replication of the SQL Server tables using Qlick replicate. |
| • Designed and built Python based tool to create SQL server tables in Snowflake to overcome the limitations of Qlick replicate and Snowflake. |
| • Automated end to end process of loading data form Informatica to Snowflake tables using python and internal stages in Snowflake. Also implemented CDC functionality to update tables |
| • Acting as bridge between Testing team, Developers and CMT team to ensure smooth flow of the project. |
| • Implemented CDC functionality for loading incremented data from source system using SCD type 2 in Matillion ETL |
| **Skills/Domain:**SQL, ETL, Snowflake, Python, Matillion, Pyspark. SQL Server |
| **Allegis EID, Data Engineer, Python Developer** |
| **Description:**This project aims at migrating data from an on-prem Oracle warehouse to SQL Server warehouse hosted on Azure cloud platform. It supports both INIT as well as incremental loading |
| • Designed and built Python based tool to extract table structure from Oracle DB, transform and generate the DDL’s for tables as per SQL Server standards. |
| • Developed PL-SQL procedures to orchestrate loading of data from Stage environment to higher environments including incremental data loading. |
| • Developed Python based tools to automate manual processes to assist in speeding up the development phase of the project. |
| • Developed python based data quality check utility to compare and identify data reconciliation between Oracle and SQL Server databases. |
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| **Skills/Domain:**Python, SQL, PL-SQL, Oracle, SQL Server |
| **Cloud Migration Toolkit : Accelerator., Python, Developer, ETL Developer** |
| **Description:**This product was conceptualized as a one-stop shop for migrating existing on- prem legacy warehouses to snowflake. The tool supported database objects like view, packages, procedures, tables and sequences and could achieve a migration percentage of 83% on average. |
| • Formed a two-step process to migrate data form on-prem warehouses to snowflake. This process includes migrating data from on-prem Database to Cloud storage as an external stage and from external stage to Snowflake warehouse. |
| • Built an entire new orchestrator for complete extraction, conversion, migration of table structure with data and deployment using Python and Pyspark. |
| • Automating deployment of PLSQL and T-SQL Objects like Procedures, Functions, Packages, Views and Sequences. |
| • Part of ANTLR development team, built grammar rules, lexers and parsers for conversion of Sql Server code to Snowflake equivalent. |
| **Skills/Domain:**Python, Pyspark, PLSQL, TSQL, Oracle 12g, SQL Server, Snowflake Cloud DB, ANTLR |
| **IISC Automation- TRowe Price Group Inc, AWS Cloud Developer, Pyspark developer** |
| **Description:**The focus of the project was to automate the IICS process of generating XML files form flat files by harnessing the power of Distributed Computing using Spark and deploy the code using the AWS Elastic MapReduce(EMR) Service. |
| • Creating/Managing accesses and infrastructure of AWS services such as IAM, EC2, EMR clusters as per computational needs. |
| • Implemented Infrastructure as a code (IaaC) approach for provisioning AWS machines using Terraform platform by HashiCorp. |
| • Developed spark based scripts to generate the results as per businessuse cases. |
| • Deployment of spark jobs on EMR clusters and generating statistical analysisfor the jobs. |
| • Implemented distributed computing using Elastic MapReduce service of AWS to manage jobs between worker nodes in the Hadoop cluster. |
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| **Skills/Domain:**Pyspark, AWS EMR, S3, EC2, IAM, Terraform, Databricks platform |

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| EDUCATION: |
| B. tech, C.S.E.: (AKTU) Dr. A.P.J. Abdul Kalam Technical University, G.L. Baja Institute of technology and Management, 2019 |
| Intermediate (10+2), English, Mathematics, Computer , Science: CBSE, St. Dominic's Senior Secondary school, 2015 |  |
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| **SKILLS:** | |
| **Additional Skill(s):** | Data Engineering,DE-Data Warehouse and ETL |
| **Other Skills:** | Semistructured Data | AWS | GCP | Dataflow | EMR | JSON | Agile |
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| ADDITIONAL DETAILS: |
| **Certification/Trainings** |
| Building Data Warehouse using Matillion- Matillion Academy -- 2023 |
| Snowflake SnowPro Core Cetification -- 2022 |
| **Awards** |
| Have received Spot Award - Teksystems Global services -- 2023 |
| Have received SPOT Award - Teksystems Global Services -- 2022 |
| **Links** |
| LinkedIn | [https://www.linkedin.com/in/sahil-vohra-05/](https://www.linkedin.com/in/sahil-vohra-05/#https://www.linkedin.com/in/sahil-vohra-05/) |