

Sai Reddy
Mobile Number: +1 9183950978
Email Id: recruitment@vyomitsolutions.com

Sr. Data Engineer

- 10+ years of experience in Data Analysis with excellent understanding of Data Mapping, Business Requirements Gathering, Business Process Mapping, Evaluating Data Sources, Translating Requirements into Specifications, Application Design.
- Extensive experience in compiling, verifying, extracting, converting, and validating data. Able to identify data inconsistencies and write and tune SQL queries for performance in a large data volume environment.
- Created ETL mappings to move Data from different sources like MS SQL Server, Oracle DB, Flat files into a common platform such as Data Marts and Data Warehouse.
- Involved in analyzing data for source and target systems with good understanding of Data Warehousing concepts, staging tables, Dimensions, Facts and Star Schema.
- Developed knowledge in creating application using AWS EC2 instance with the application server and database server and deployed multiple EC2 instances in different AWS zones and worked with load balancing, target groups, and autoscaling with load balancing.
- Expertise in working on both Normalized and De-Normalized Database.
- Developed Dashboard with rich graphic visualizations to render several graphs and charts using Google PLX.
- Expertise in broad range of technologies, including business process tools such as Microsoft Project, MS Excel, MS Access, MS Visio, technical assessment tools, Micro Strategy Data Warehouse Data Modeling and Design.
- Experience gathering and analyzing business requirements to develop functional and detailed design specifications. Experience with eliciting requirements from stakeholders.
- Developed excellent professional skills by working independently and as a team member to analyze the Functional/ Business requirements and to prepare test plans, test scripts. Collaborated with onsite teams, interacted and well managed various offshore teams.
- Self-motivated and possess ability for critical thinking, analysis, good interpersonal and communication skills. Team-oriented, technically motivated and creative. User oriented with a desire to learn client's business requirements.
- Strong inclination for finishing job before project deadline. Flexible to adapt to any new environment and work on any project.

Education:

- Master of Science in Computer Science from University of North Texas, Denton.
- Bachelor of Technology in Computer Science from Chaitanya Bharathi Institute of Technology, Hyderabad.

Technical Skills:

Cloud Technology: AWS

Databases: Oracle, MS SQL Server, MS Access, MySQL

BIG Data Tools: HDFS, Hive

Visualization Tools: Google PLX

Engagement Experience: Query Performance Tuning, ETL Development, Report Development

Programming Languages: SQL, Python, R, HTML, HTML5, CSS, C, C++

Sai Reddy
Mobile Number: +1 9183950978
Email Id: recruitment@vyomitsolutions.com

Professional Experience:

Project	Cognito
Customer	LatentView Analytics
Period	Aug 2021 – till date
Role	Sr. Data Engineer
Location	Remote
Tools & Technologies	Google PLX, Python, Hive, AWS, MySQL.
Responsibilities	<p>Some of the activities / responsibilities include:</p> <ul style="list-style-type: none">• Providing the Data Analytics solutions by creating the assets like Dashboards, based on the client requirements.• Created and maintained metadata and ETL documentation that supported business rules and detailed source to target data mappings.• Developed a 2-tier application using AWS EC2 instance with the application server and database server and deployed multiple EC2 instances in different AWS zones and worked with load balancing, target groups, and autoscaling with load balancing• Fixing the day-to-day bugs for the smooth functioning of the team operations using analytical software such as Google SQL, PLX Dashboard for a Global tech firm.• Developed Dashboard to render several graphs and charts of 1200 employees' wages per day and others using python data manipulation packages.• Migration of Revenue to Cash Operations for a Global tech firm (The industry leader in the search engine) from Cognito to SAP.• Created and maintained metadata and ETL documentation that supported business rules and detailed source to target data mappings.• Used consulting and quantitative skills, a detail-oriented approach, in developing solutions using analytical software such as SQL, Python.• Experienced in working with globally dispersed teams.

Customer	CPG Company
Period	Jun 2018 – July 2021
Role	Sr. Data Analyst
Tools & Technologies	Python, Hadoop, Hive, SQL
Responsibilities	<p>Some of the activities / responsibilities include:</p> <ul style="list-style-type: none">• Applied models and data to understand the spending of CPG companies and presented the findings to stakeholders.• Created an Automated Model which extracted more than 7000 customer feedbacks from an e-commerce site into a data frame and, using python packages, minimized the data frame with more efficient reviews which helped in gaining insights about the product.

Sai Reddy
Mobile Number: +1 9183950978
Email Id: recruitment@vyomitsolutions.com

	<ul style="list-style-type: none">• Backtracking the source connection from the given report to find the source table containing the required attribute as per client's requirement. (One of the top CPG Company)• Requirement gathering, creating Businesses Requirement and Functional Requirement Documents. Documenting all issues and progress.• Involved in creating Hive tables from the data present in hdfs path.• Involved in importing and exporting data from database to Hadoop Ecosystem.• Data Ingestion from MS SQL Server, Oracle DB and Flat files to AWS (Amazon Web Services) cloud for building a data lake to support intelligence and analytics capabilities.• Automated scheduling process via Airflow Scheduler and designed the code to schedule the jobs for daily/monthly/ weekly.• Working on the hive tables from meta store and applied some of the DDL operations• Worked with the onshore coordinator to get the daily tasks and worked with the team to get the tasks completed by the given timelines.
--	--

Customer	Tricolor
Period	Aug 2015 – May 2018
Role	Data Scientist Engineer
Location	Remote
Tools & Technologies	R, Python, SQL, Analytical Skills
Responsibilities	<p>Some of the activities / responsibilities include:</p> <ul style="list-style-type: none">• Assisted Product Leadership in scoping, development and execution of new research plans and methodologies by trend analyses, data integration, automation, generalization, harmonization.• Developed new methodologies to measure cross-platform audience on new digital devices and platforms, leveraging data from multiple sources by applying statistical techniques.• Evaluated quality and accuracy of demographic data from these sources, using statistical models and existing Nielsen data assets.• Owned analyses for the Methods group by doing product analyses, handling client inquiries, scoping impact of changing methodologies, standards, and best practices.• Collaborated with cross-functional teams to design, implement, and test new consumer and audience measurement methodologies.• Developed code, automated methodologies and translated code from R in Python, Py-Spark and Spark-SQL.

Sai Reddy
Mobile Number: +1 9183950978
Email Id: recruitment@vyomitsolutions.com

Customer	Retail company
Period	May 2013 – June 2014
Role	Data Analyst
Tools & Technologies	MySQL, Excel, Python.
Responsibilities	<ul style="list-style-type: none">• Drawing on Experience in all aspects of analytics/data warehousing solutions (Database issues, Data modeling, Data mapping, ETL Development, metadata management, data migration and reporting solutions).• Involved in design and analysis of underlying database schema, altering and creation of the table structure.• Developed SQL queries for performance in a large data volume environment.• Backing up master & system databases and restoring them.• Experience in data mining and analysis, design and construction of data marts, data views.• Data extraction, collation, and cleaning in MS excel/python.• Used statistical tools to sanitize, segment, and normalize historical data.• Supported the client on Text Mining and Data Analysis.