

RAMESH GANESAN

San Francisco Bay Area

Senior Data Engineer at GSN Games

Experience

Senior Data Engineer at GSN Games

December 2017 - Present (1 year 10 months)

- * Involved in data-engineering activities to support data-science and data-analytics.
- * AWS - S3, Kinesis, Lambda, EMR, ECS, Redshift and Athena.
- * Google Cloud - Big-query
- * Databases - Vertica, MongoDB
- * BigData - Spark and Hlve
- * Airflow - Workflow and scheduler
- * Good Data Analysis and Data warehouse skills

Lead Hadoop Engineer at PayPal

May 2017 - November 2017 (7 months)

- # Involved in migration of existing regulatory reporting projects from SAP HANA to Hadoop
- # Worked on development of various reports like Transaction Events, Transaction Payment Volume ,
daily liabilities , daily balances etc of Paypal , Xoom
- # Developed ETL pipeline for Extracting data from HANA db using Sqoop and Processed data using
Spark and loading to HDFS
- # Used FastLoad utility to load final processed table using Hive/Spark to Teradata for further
analysis
and generated CSV reports
- # Analyzed data and created proper Partitioned/Bucketed Hive tables for optimal data processing
- # Worked with Data Science team for developing the algorithms suggested by them using Hive and
Spark.
- # Developed Hive UDFs for generating scores of few metrics
- # Built Homogeneous data model which is used for generating the required reports
- # Migrated few existing Hive jobs to Spark programs
- # Worked on performance tuning of Spark Jobs

ETL/Python/BI Lead at Bank of the West

October 2015 - April 2017 (1 year 7 months)

- Managing execution and delivery of large scale, cross functional Business Intelligence, Analytics Project.
- Strategizing program roadmaps based on stakeholder needs, technical trends & business priorities
- Responsible for tracking projects timelines and deliveries, prioritization, budget management, risks identification and mitigation, manage issues, escalations, and status communication to stakeholders.
- * Report Development in Tableau 9 and Business objects Xi with Web intelligence.
- Experience in data storage concepts and Hadoop file system internals.
- Able to write Hive SQL and PIG scripting to fetch data from Hadoop.
- Having written script using sqoop move data from RDBMS to Hadoop.
- Good understanding of Key value pair concepts and Storage of HBASE.
- Exposure to JSON nosql database MongoDB.
- Looking to learn Cloud space for AWS redshift and pentaho, data visualization tool like tableau.
- Knowledge of Message broker Kafka and MQ.
- Developing python programs to create comparison report for between dates
- Written HiveQL and Spark SQL to query data from HDFS and database respectively.
- Working on python modules to upload and check-in reports to sharepoint dynamically.
- Working knowledge of xlswriter, xlrd and xlwd packages for spread automation using python
- Creating excel dashboards on comparison date wise using xlswriter python modules.
- written python package to send HTML emails and regular text email on program status.
- Written shell script to automate code migration process using SVN and Ksh.
- Design and Model database tables as per project requirement.
- Written SQL queries for reports and data analysis.

Senior ETL/Database Lead Consultant at Wells Fargo

April 2014 - September 2015 (1 year 6 months)

- Worked on all phases of database development lifecycle, from gathering requirements to testing, implementation and support.
- Financial industry experience in working for large Consumer & Investment banks.
- Worked in Oracle 10g, Oracle PL/SQL, Erwin, ETL DWH 4.4, UNIX, Sun Solaris, Shell Scripting and Business objects XI.
- Ability to Tune Queries to optimize performance using Explain Plans, Hints and Indexing
- Excellent understanding of ER modeling for OLTP.
- Expertise in dimension modeling (Star, Snowflake Schemas, Cube) for OLAP.
- Proficient in data cleansing, ETL and denormalization.
- Have clear understanding of Inmon and Kimball Methodologies.
- Excellent understanding of Software Development Life-cycle and strong desire for quality.
- Strong project management and team skills with customer interfacing / consulting experience.

- Ability to communicate effectively and clearly between teams and resolve issues quickly.
- Strong Skills in Oracle 10g and PL/SQL Programming to maintain Entity Data Integrity and - Referential Data Integrity by authoring Database Triggers, Stored Procedures and Functions.
- Expertise in Oracle tools like SQL*Loader, Export and Import.
- Expertise in Data Modeling using Designer XI and ERWIN 4.1.
- ETL for Data cleansing and Transformation using Talend, Datastage 8.1, Informatica 8 and I-flex DWH 4.4.
- Working in UNIVERSE and REPORT development using Business objects Xi with Web intelligence.

Education

Bharathiar University

Master's Degree, Computer Programming,, 1998 - 2001

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LinkedIn® Recruiter

3 people have recommended RAMESH

"It was great having Ramesh in the team. He always go above and beyond with the work assigned to him. Always willing to take new challenges and learn new technologies. "

—Susil Panda, VP, Senior Technology Manager, Wells Fargo, managed RAMESH at Wells Fargo

"Ramesh is an enthusiastic data engineer. I know him as an ETL development consultant at a client that I worked for. He was working on an automation effort using Python, Unix and Informatica. He has excellent SQL skills as well. I have seen in him the thirst to learn and new technologies and approaches continuously. He is very participative and open to share his thoughts. He will be great value add to any team for a requirement at his capacity."

—Venkatesh Aravamudan, Solutions Architect, Private Wealth Management, First Republic Bank, worked with RAMESH at Bank of the West

"I had the pleasure of working with Ramesh on the CCAR initiative for Bank of the West. Besides doing our regular release work, Ramesh was part of several business initiatives. In one of those smaller initiatives, Ramesh was instrumental in providing a software application to speed up the validation process for the business team. As a senior developer, he has been able to work miracles in updating and improving the code to provide exactly what business was visualizing. His calm attitude benefits all stakeholders in working towards an amenable solution. I have seen him mentor junior developers in their work and work ethics. I absolutely recommend Ramesh for any senior development position or software manager."

—Albert De Melo, Technical Project Manager, Bank of the West, managed RAMESH indirectly at Bank of the West