

RAVIKANTH MACHAPUR

STAFF DATA ENGINEER

AWS/GCP/AZURE/DATABRICKS/ML/AL

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Experienced Staff Data Engineer and Consultant with over 16 years of experience in design, development, and implementation of software applications and BI/DWH solutions. Expertise in Cloudera, HX, MapR, Databricks, AWS, Azure, and GCP services. Strong background in architecting and optimizing data pipelines, frameworks, automating workflows, and optimizing processes to deliver impactful solutions.

EXPERIENCE

2019 – Present

Staff Data Engineer | Fandango | Beverly Hills, CA

SME for three major LOB'S Ticketing (Fandango), Home Entertainment - VOD (Vudu), Movie Review Aggregation (Rotten Tomatoes)

Designed, planned, and implemented sales and finance/ data pipelines to Data Lake (S3) and Data Warehouse (Redshift)

Processed data using EMR, AWS Lambda, Spark, Talend, AWS Glue and Airflow jobs

Led migration of pipelines from AWS Glue/Lambda to GCP using GCP cloud functions and Airflow

Developed AWS Lambda functions and SNS/SQS for email automations.

Collaborated with cross-functional teams for code deployment using CI/CD pipelines.

Integrated Slack, PagerDuty, DataDog API's for monitoring and debugging.

2018 - 2019

Sr Big Data Engineer/Architect | Molina Health Insurance | Long Beach, CA

Improved performance of Cloudera cluster by analyzing Cloudera stats

Designed and implemented Optum Data Extracts and HCG Grouper Extracts

Improved Solr Data Ingestion and data quality for Medley Pipeline

Built pipelines using Scala, Spark, Hive, and Hbase tools.

Automated workflows using Talend Big Data and Autosys

Developed NiFi data flow templates and processors for data ingestion and processing.

Worked on speech analytics and structured content extraction.

Implemented sentiment analysis and text analytics applications.

Created and implemented applications on Oracle Big Data Discovery for data visualization.

Collaborated with DevOps teams for NiFi deployment using Ansible and Jenkins

2017--2018

Sr Big Data Engineer/Architect | Cognizant (AAA) | Costa Mesa, CA

Gathered and documented detailed business requirements for quick wins.

Developed cloud architecture on AWS for ETL pipelines and ML use cases

Designed and developed ETL workflows using Java for data processing

2016 – 2017

Sr Big Data Advance Analytics Consultant | Cognizant (PSE) | Bellevue, WA

Developed MapReduce jobs in Java for data cleaning and preprocessing.

Used Flume, Sqoop, and Pig for data extraction and transformation.

Managed and reviewed Hadoop log files

Analyzed and transformed data from relational databases into HDFS.

Developed simple and complex MapReduce programs in Java.

Worked on partitioning Hive tables and optimizing scripts.

Analyzed and cleansed raw data using Hive queries and Pig scripts.

Used Oozie for batch processing and scheduling workflows.

2015 - 2016

Sr Big Data Engineer | Schneider National | Green Bay, WI

Speech Analytics Automation

Turn Down Analytics

2011--2013

Sr Programmer Associate | Cognizant | Hyderabad

EDUCATION

- Masters | Computer Science | California State University Long Beach | 2015
- Bachelors | Information Technology | Osmania University (Vasavi) Hyderabad | 2011

SKILLS

- Data Management
- Cloud
- Data Analysis
- Solution Architecture
- Python/Java/SQL
- Tech Infrastructure