


# Jayanthi Ganesh

Data Engineer

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I'm a highly organized and skilled Data Engineer having expertise in Data Wrangling, Data Mining and Data Analysis. I have keen interest in constant learning and hold strong analytical skills. Passionate to work in a creative and challenging environment and to create innovative solutions for real-world challenges through Data Engineering.

## WORK EXPERIENCE

### Data Engineer / Software Engineer Bank of America / Chennai

01/2021 – Present

#### Achievements/Tasks

- Experience in working with Hadoop ecosystems like Hive, spark with projects involving data ingestion and transformation
- Experienced in DMX-h tool for ETL processing and worked on Teradata TPT utility.
- Proficient at using Spark APIs to cleanse, explore, aggregate, transform, and store data
- Implemented Hive partitioning and bucketing techniques as part of code optimization

### Senior Software Engineer Bank of America / Chennai

08/2015 – 01/2021

#### Achievements/Tasks

- Worked on shell scripts, crontab schedules and oracle plsql codes for research purposes as part of production support activities.
- Later moved to the role of individual contributor and took care right from requirement gathering (story grooming session) till delivering the requirement (Story Demo).
- As part of this project I wrote logic to consume data from webservices into hdfs and rdbms and processing in spark sql and core, wrote logic to produce the refined data into elastic search and created a dashboard reporting in Kibana.

### Quality Analyst Cognizant / Chennai

1/2013 – 09/2013

#### Achievements/Tasks

- Worked as QA where I was involved in test script preparation, test plan preparation and testing using Microstrategy tools.

## EDUCATION

Bachelor of Tech. in Information Technology

Vel Multitech Engineering College

08/2005 – 05/2009

## SKILLS

Apache Spark

Scala

Hive

HDFS

Hadoop

SQL

Sqoop

Unix

Mainframes

Agile

BitBucket

Autosys

Splunk

## PROJECTS

### Deposits and Channels (01/2021 – Present)

- Gets SOR(source- system of records) data from upstreams and lands the data in edge node, Loads the data to hive source tables post ETL operation in DMX-h and applies business transformation and store the data back to teradata using tpt utility.
- Create workflows using Autosys.

### Award Choice (08/2015 – 01/2021)

- Application production support tasks like monitoring jobs, optimization of scripts and resolving user tickets.
- Doing health checks in application and make it ready for business and direct client communication.
- Working on release management activities.
- Worked on critical research items where we would need to check the code breaks and issues and provide immediate solution

## CERTIFICATION

Certified in ITIL v3

Big Data Analysis with Scala and Spark

Certification on Global financial markets

## LANGUAGES

Tamil-*Native/Bilingual*

English- *Full*

*Professional*

*Proficiency*