Ruthwik R
Data Engineer
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Profile Summary:

- Having around 3.6 years of experience in Hadoop and Spark development.

- Good experience on Hadoop distributions like Cloudera, MapR.

- Experience in designing and developing applications.

- Good exposure with agile software development process.

- Key participant in all phases of development life cycle with analysis, Design, Development, Integration, Implementation, Debugging and Testing.

Technical Tool Stack:

Big Data Ecosystems	HDFS, MapReduce, Sqoop, Hive, Spark SQL, Spark Streaming, Control-M, Kafka, Elastic search, AWS
Languages	Scala, Python
Databases-Sql/Nosql	Oracle, SQL Server, Cassandra.
Development and Build Tools	Eclipse, Intellij, Jenkins, Maven, Gradle.
Operating Systems	Linux and Windows.
Distributions	Cloudera, MapR.
Methodology	Agile.

WORK EXPERIENCE:

Working as Data Engineering Analyst for Nirant Teechnologies for Client Cognizant from Dec2018 to till date.

EDUCATION:

Bachelor of Technology in CSE from Kakatiya University.

PROJECT#1

Customer Expose Management System:

This Project is designed to deliver a Portfolio Decision Platform that centralizes customers data into a business configurable decision platform which performs the necessary risk actions and integration to downstream applications and system for Credit line increase, Credit line decrease strategies and its support prequalified customer population that is eligible to be targeted for bona-fide Card, Auto and Home lending offers.

Responsibilities:

- Understanding existing business model and requirements.
- Utilization of Sqoop to transfer data from Oracle Database to Hadoop HDFS
- Use Shell Scripting to pre-process the data before ingesting to raw layer.
- Developing Spark jobs and deploy those jobs in DEV, TEST, STG Environments.
- Doing the Peer reviews and restructuring it if requires.
- Attending timely meeting with Dev teams to resolve the issues.
- Attending Scrum calls and updating daily Dev and testing status to Scrum Master

PROJECT#2

Portfolio offer Engine:

- The URDS Portfolio offer Engine System provides users with a single source for Credit Qualifications like Balance Transfer (BT), Convenience Checks
  (CC) for portfolio marketing programs. for Repricing and for other Marketing Programs. Through the use of the ODM Rules Builder, the user can create the rules that determine if a cardholder qualifies for a given Program. The outputs of this process are referred to as tags, The tags are indicators(Y/N), which define whether the cardholder is qualified: and reasons, which define the reason for failure to qualify.

Responsibilities:

- Understanding existing business model and requirements.
- Utilization of Sqoop to transfer data from Oracle Database to Hadoop HDFS
- Use Shell Scripting to pre-process the data before ingesting to raw layer.
- Developing Spark jobs and deploys those jobs in DEV, TEST, and STG Environments.
- Doing the Peer reviews and restructuring it if requires
- Attending timely meeting with Dev teams to resolve the issues.
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PROJECT#3

Ageis API:

An enterprise MDM solution for providers with a primary goal to cater quality provider identity and demographic information across customers using products and services and maintain a key chain of various identifiers of providers used by customer applications.

The solution is built on open-source technologies and micro services architecture.

Data is streamed using Kafka between micro services and REST APIs are exposed to integrate with upstream/downstream applications and UI. Other technology stack comprised of OpenShift enterprise, Kubernetes for orchestration, Cassandra to store golden records and configurations, Elastic Search, Kibana, Splunk for log management and analytics, CI/CD using GIT, Jenkins Pipeline, Quality driven through Sonar Cube and Fortify scans.

Responsibilities:

- Gathering business model and requirements.
- Implementing the ApIs.
- Building the Jenkins pipeline.
- Developing the rest end points.
- Writing junit and integration test cases.
- Doing Peer reviews
- Attending timely meeting with Dev teams to resolve the issues.
- Attending Scrum calls and updating daily Dev and testing status to Scrum Master.