Keerthana Nagaraj

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Objective

To seek continuous knowledge and develop my skills to be able to utilize them effectively and more productively in order to meet my personal as well as professional goals. Always seeking to work in a challenging and fast paced environment, enhancing my current knowledge and fostering creativity with many opportunities.

Profile Summary

- 3+ years of working experience in Big Data Hadoop.
- 2+ years of experience in building applications with Apache Spark with Scala language.
- Work experience with various AWS services like S3, Lambda, EC2, EMR.

Skills

Big Data Frameworks	: Hadoop Impala, Hive, Spark, Airflow, Scala.
Cloud Services	: Amazon EC2, EMR, S3, RDS, Lambda
Databases	: Postgres

Tools

IntelliJ Idea, DBeaver, Putty, WinSCP, git,
Databricks, Jira, Bitbucket, Airflow, GitLab, GitLab CI/CD.

Professional History

Current Employer	: Tata Consultancy Services
Duration	: Apr 2019 – Current
Designation	: System Engineer

Project Details

o **Nielsen STB Ingestion**

Duration   : June 2019 – Current
Brief   : ETL workflow for data ingestion
Overview   :
TV Audience viewing data is collected from third party vendors and refined through an ETL workflow and prepared for further processing by downstream clients to generate insightful metrics.

Responsibilities:

- Responsible for handling critical data deliverables for multiple downstream clients over a period of 2+ years.

- Developed data quality checks at module level to improve data consistency and data integrity for our clients.

- Undertook data validation and testing which improved the reliability of data by 100%.

- Performed multiple skill sharing sessions and trained fellow team members regarding the business and application flow.

- Automated data validations by implementing shell scripts within the job which reduced manual data comparisons and improved system data accountability.

- Automated cluster creation and destruction through Airflow using config details from postgres database.

- Developed spark applications with team efforts for multiple ETL loads.

Achievements

o Awarded 'Star of the Month' for providing continuous support to meet Client SLAs to release Live production data.
o Awarded 'Star of the Quarter' for ensuring smooth prod deployment for critical Orchestration components.
o Received client appreciation for contributing in migrating our application to live prod environment.

o Awarded 'On the Spot' Award twice for dedicated hard work towards critical client Deliverables.
o Achieved 2.05 T-factor score in Fresco Play Learning Platform.

Education

Name of the Degree	Name of the Institution	Year of course completion	Percentage/ CGPA
B.E-Computer Science and Engineering	Nandha Engineering college, Erode	2019	8.83
Higher Secondary Certificate	Navarasam Matriculation Higher Secondary School, Erode	2015	80.16%
Secondary School Certificate	Navarasam Matriculation Higher Secondary School, Erode	2013	96.8%