

Rahul Prajapati

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SUMMARY

- Big Data Engineer with 2 years of hands-on experience in development of large scale systems for data processing with Spark framework (Spark Core, Spark SQL) using Scala programming and AWS cloud services (EMR, EC2, S3).
- Seeking to leverage expertise in Spark, Hadoop, and related technologies to contribute effectively to a dynamic team.

ROLES AND RESPONSIBILITIES

- Responsible for designing and maintaining application pipeline, tools, and platforms.
- Data Validation with automated DQC.
- Optimize spark code for faster execution and ensure data quality by removing corrupted data.
- Coordinate with on-site team members in agile development and testing.
- Analyze and identify root cause to issues occurring in data processing and apply fixes.

EXPERIENCE SUMMARY

DEVELOPER– ADDRESSABLE (NATIONAL)| TATA Consultancy Services

Jun 2022 – Aug 2024

Client: The Nielsen Co. (US) Inc.

About: Providing Ratings of Media (Television, Amazon,Cable).

- Helped in building large scale distributed systems running on AWS EMR and Spark Framework and Yarn application manager.
- Characteristics Extract, Panel and RPD Tuning and Viewing Extract, Global Household Mapping, Program Coding for Panel and RPD Data, Commercial and Program level Projections.

Technologies: Scala | Apache Spark | AWS (S3, EMR) | Airflow | Sql

TECHNICAL EXPERTISE

Big Data Technologies

Apache Spark | Hadoop | HDFS | Parquet

Programming Languages

Scala | Python

Cloud Platforms

AWS (EMR, EC2, S3)

Orchestration Tools

Apache Airflow

Development Tools

Intellij | Git Bash | GitLab | DBeaver | Putty

Processes

Agile Scrum | JIRA | Confluence

ACADEMIC QUALIFICATION

Bachelor of Engineering: Electrical and Electronics

2018 – 2022 | Babu Banarasi Das Engineering College Lucknow Aggregate: 7.56 (CGPA)

Senior Secondary Education

2014 – 2016 | Udai Pratap Inter College Varanasi Aggregate: 87%

Secondary Education

2013 – 2014 | Udai Pratap Inter College Varanasi Aggregate: 84%