SURIYARAJAN

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TECHNICAL PROFICIENCIES

- **Programming Languages:**
  Scala, Python, SQL

- **Big Data Frameworks :**
  Big data-Apache Spark,
  Hive, Hadoop *(Basics)*

- **Scheduler*(orchestration) &
  Cloud***
  Apache Airflow, Terraform,
  AWS (S3, Lambda, EMR,
  EC2, Athena)

CORE COMPETENCIES

- Data Pipeline &
  Analysis
- Cost Reduction
- Process
  Implementation &
  Improvement
- Framework Designing
- Backup & Recovery
- Troubleshooting

ACADEMIC DETAILS

B.Tech / EEE
SASTRA, SRC

2013 - 2017

HSC & SSLC
CEOA Matric Hr Sec School

2013 & 2011

RESUME OBJECTIVE

Forward thinking individual with extensive knowledge about processes & practices in **Big Data Engineering** with a rich experience of **4 years**. Keen to grab a challenging position with a fast-paced & an esteemed organization that offers progression & extensive training opportunities; adaptable professional aims to contribute the proficiencies procured for the advancement of the organization & reaching the anticipated goals.

PROFILE

Troubleshooter expert currently placed with **Tata Consultancy Services** as **Big Data Engineer**

Self-motivated professional; proficient to set effective priorities to achieve Immediate & Long-term goals & meet operational deadlines & an agile working approach

Critical thinker, expertise in providing expert solutions to any challenging situation

Robust initiative & innovative thinking skills, ability to analyze details & adopt a big-picture view

Strong analytical skills with the ability to collect, organize & analyze large amounts of information with attention to detail & accuracy

EMPLOYMENT DETAILS

Big Data Engineer | Tata Consultancy Services | August 2017 –Present

PROJECT : DIGITAL ADS RATING – CONNECTED TV
CLIENT : NIELSEN WATCH ANALYTICS
Environment : Spark, Scala, Airflow, Python, AWS & SQL

- Working on a project**- Digital Ads Rating – Connected TV** on core team
- Extracting & Analyzing data with Spark from varied sources; creating & transforming data for smooth functioning of the system & eliminating false data
- Designing, Creating, Testing & maintaining complete data management & processing systems
- Constructing intricate pipelines with complete automated process; building jars, testing & deploying using Git (CI/CD)
- Examining the data using Athena for debugging issue
- Designed the orchestration framework for CTV rebuild efforts using Airflow.
- Creating utilities to automate manual work using Scala; reusing operators to lessen redundancy
- Structuring highly scalable, robust & fault-tolerant systems
- Fashioning a complete solution by integrating a variety of programming languages & tools together
- Presenting new data management tools & technologies into the existing system to make it more effectual
- Designed existing infrastructure for orchestration as code using Terraform