Arunkumar Kaliyamoorthy

Big Data Engineer

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SUMMARY

Big Data enthusiast with 9+ years of experience working with various Big Data/AWS Technologies across Insurance, Retail, Education & Aviation domains. Helping organizations to build robust Data Pipeline.

EXPERIENCE HIGHLIGHTS

- Extensive experience with on-premise **Hadoop** clusters involving data ingestion from various sources to **HDFS**, **Hive**, etc.
- Experienced in the integration of on-premise Data Server with **AWS EC2, EMR, ECS, S3** and **Apache Kafka**.
- Experienced in optimizing **ETL** workflows.
- Worked on **LAMBDA** architecture data pipeline with hybrid and pure cloud environments.
- Worked with **SQL/No-SQL** databases for data extraction, storage, DW and performance optimization.
- Experience on implementation of **Apache SPARK** and its components like Spark-Core, Spark-SQL and **Spark-Streaming**.
- Good experience on **AVRO**, **JSON**, **ORC, Parquet, Pandoc**, **LaTeX** and LOG data processing using SPARK.
- Capable of processing large sets of structured, semi-structured and unstructured data and supporting systems application architecture.
- Experience of working extensively in **Agile** model and good expertise in attending Scrum calls, Sprint Planning, Reviews and Retrospective meetings.

PROFESSIONAL EXPERIENCE

Senior Engineer
L&T Thales Technology Services
3 Years   Chennai, India

    Responsible for developing various Data layers using Big Data/AWS technologies

Programmer Analyst
Cognizant Technology Solutions
2 Years   Chennai, India

    Responsible for developing ETL data pipeline using HDFS, DW, Hive and Apache Spark.

Software Engineer
Pageone Technologies
4.7 Years   Chennai, India

    Responsible for CRM tool development and application support using Python.

TECHNICAL SKILLS

Resource Management	YARN
Data Processing	Hadoop (MapReduce, Hive, Pig, Tez) Spark (Core, Streaming, SQL)
Data Ingestion	Sqoop, Flume, Kafka
SQL Database	MySQL, Oracle
NoSQL Database	HBase, Cassandra
Workflow Scheduler	Oozie
Hadoop Distribution	Apache, Hortonworks (HDP)
Analytics & Visualization	Zeppelin
Cloud Platforms	AWS (EC2, S3, EBS, EMR)
Language	Python, SQL, Shell Script
Operating System	Ubuntu, CentOS, RedHat, Windows
IDE	PyCharm, Kite, Jupyter
Software Development	Agile Methodology
Version Control	BitBucket, Gerrit
Bug Tracking Tool	JIRA, VersionOne

HONOR AWARDS

Star of the Month
L&T Thales Technology Services

Mentor Ambassador Award
L&T Thales Technology Services

Rising Star Award
Cognizant Technology Solutions

EDUCATION

B.E. (Electronics & Communication)
T.J. Institute of Technology, Chennai.
2007-2011

PROJECTS

#1 Thales In-Flyt Entertainment & Connectivity

Role	Technical Specialist - Big Data
Domain	Aerospace
Technology	Spark, Kafka, Cassandra, Sqoop, AWS
Description	Processing and Maintaining PII and connectivity metrics for In-Flyt Entertainment and Connectivity service provider.

#2 Prudential

Role	Big Data Developer
Domain	Insurance
Technology	HDFS, Spark, Hive, Sqoop, Tez, HBase, Oracle, Avro
Description	Processing product and PII data from multiple sources and creating an MDM.

#3 Pearson Education

Role	Big Data Developer
Domain	Education
Technology	Sqoop, Hive, Tez, Oracle, Pandoc, LaTeX
Description	Processing data across regional databases and pushing the data to a global Data Warehouse after normalization.

#4 Shriram EPC

Role	Software Developer
Domain	Transportation
Technology	Python, MySQL, PyTest, Tkinter
Description	Standalone CRM application development.

#5 TAFE

Role	Software Developer
Domain	Automotive
Technology	Python, Shell Script
Description	Supply chain process automation.