

Girish Sai Thiruvithhala

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PROFESSIONAL SUMMARY

I am a Data Engineer with 6+ years of experience and 1 year as Data Scientist, I have worked in domains like Banking, Health Care, Telecommunications and media under various clients.

PROFESSIONAL EXPERIENCE

NielsenONE at Value Labs, INDIA

Dec 21 - Dec 22

- Involved in research, design, and analysis of the real-time content ratings data.
- Developed the recommendation system which suggests the content based on collaborative, content-based and demographics.
- Designed and implemented the enterprise level Data pipelines ensuring the efficient and reliable handling of data driving \$3.53B revenue per year using Apache Spark framework and AWS technologies.
- Developed an ETL system to replace the existing data pipeline built using Apache Airflow.
- Reduced the response time of query in data retrieval from 28 ms to 2 ms using Elastic Search.

Synchrony Financial at Capgemini, INDIA

May 20 - Dec 21

- Key player in creating the lake formation into to collect the data from various teams.
- Performed the various data transformations and encrypted the customer confidential information.
- Implemented the Kafka pipeline to process the transactional data to detect frauds.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing.

Ericsson Telecommunications at Tata Consultancy Services, INDIA

Apr 19 - Apr 20

- Designed and implemented the data extracted from machine generated logs and derived the business valued insights which generated the revenue of 5.980B per year.
- Designed and integrated the front-end application to scheduling of the jobs based on the user's input.
- Successfully transformed the on-premises project applications to AWS cloud environment.

CIGNA Health Care at Tata Consultancy Services, INDIA

Feb 15 - Mar 20

- Key player in building automated scalable distributed data solutions in data movement from various RDBMS systems.
- Experienced in handling large datasets using Partitions, Spark in memory capabilities, broadcasts in Spark, effective & efficient joins, transformations and other during application development process.
- Collaborated with the infrastructure, network, database, application, and BI teams to ensure data quality and availability.

SKILLS

AI & Data Science

- Machine Learning, Deep Learning, NLP

Cloud Technologies

- AWS, Cloudera

Databases

- Mysql ,Cassandra, Postgresql, Teradata

Programming

- Python, Scala, Java, R.

Scheduling tools

- Airflow,CA Workstation, Cron Scheduler

Librairies

- Pandas, TensorFlow,PyTorch,

EDUACTION

Ontario College Graduate Certificate in Data Science

AI and Data Science at Loyalist College in Toronto, North York, ON.

2023- PRESENT

Bachelor of Technology

Computer Science and Engineering at JNT University, Kakinada, AP.

2011-2015