Girish Sai **Thiruvidhula**

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PROFESSIONAL SUMMARY

I am a Data Engineer with 6+ years of experience and 1 year as Data Scienctist, 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 RDMBS 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 AI & 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