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ARAVIND VARDHAN DHARMAPURI



SKILLS

- Programming Languages: Python, SQL, noSQL(MongoDB), Java.
- Web Development (Frontend): HTML, CSS, Bootstrap JavaScript.
- Web Development (Backend): Django, Spring Boot.
- Software: MS Excel, Google Looker Studio.
- Source and Version Control: Git, Github.
- Database: MySQL, MongoDB, SQLite.
- Data Warehousing and Analytics
- Big Data: PySpark, Java Spark, Hadoop,
- SparkSQL, Kafka, Azure Data Factory, Azure DataBricks, Snowflake, Hive, Data Engineering.
- Knowledge of Selenium, Jenkins, Maven
- Cloud: Azure.
- Agile/Scrum Methodology
- Jira, Confluence, Excel

EDUCATION

Bachelor of Technology in **2018–2022**
Computer Science engineering from
Aurora's Technological And
Research Institute (JNTU),
Hyderabad

- President of Computer Society of India at ATRI (2021–2022).
volunteered to lead a community of students, organizing various hackathons and workshops on various topics.
- Member of Computer Society of India (CSI), 2018 to 2019.
- Member of ATRI literary society , 2019 to 2021.
- Team Lead of Project development during college, worked with the student developers to help and coordinate them with the best of my abilities and skills in project development.

WEBSITE, PORTFOLIO AND PROFILE

PORTFOLIO WEBSITE - [ARAVINDVARDHAN.ME](https://aravindvardhan.me)

WORK EXPERIENCE

Associate Software Engineer
Nisum Consulting Pvt Ltd

2022–Present

- Designed and developed ETL pipelines to efficiently extract data from source systems (Kafka, ConfigDB(Mongodb), Enterprise Data Management System) and various file formats (e.g., .csv, .xlsx) for seamless transforming and Loading into Runtime Database.
- Experienced in performing operations on streaming data and Batch data gathering using Apache Kafka. Utilized Kafka's publish-subscribe model to effectively manage real-time data streams and process large volumes of incoming data. Implemented scalable and high-throughput data pipelines for real-time data processing, ensuring data durability and fault tolerance.
- Collaborated with cross-functional teams to gather and analyze client requirements, translating them into effective business logic. Implemented these logic requirements using Azure Data Factory (ADF).
- Implemented Azure Data Factory pipeline components such as linked services and Datasets.
- Utilized SQL queries and Python scripts to ensure the accurate and efficient transformation of data during the ETL process.
- Created and maintained Confluence pages to track the technical design and implementation details of ETL processes, ensuring transparency and documentation of the data engineering workflow.
- Developed a vacation calendar within Google Looker Studio to manage employee information. The system collected and stored employee data in Google Sheets, enabling the visualization and analysis of employee leave patterns, including identifying countries with the highest leave utilization.
- This version emphasizes the creation of the vacation calendar, data management, and the use of data visualization for leave analysis and also helps the managers in better project deliverables prediction.

EDUCATION

- Pursued my Bachelor's degree in Computer Science and Engineering from Aurora's Technological and Research Institute with Hands-on Experiences in cutting-edge technology like Python, Machine Learning, PySpark, SQL, noSQL and Cloud Technologies Azure Data Factory.