

HARISH GOBUGARI

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Professional Summary

Data Analyst with 4+ years of experience, possessing a strong passion for data and a keen eye for detail. Demonstrated expertise in data manipulation, database management, and data visualization to extract actionable insights. Seeking to transition into a Data Engineer role to merge my analytical prowess with my growing interest in designing, building, and maintaining scalable data pipelines and data infrastructure.

Skills

- **Daily Stack:** SQL, Python, PowerBI, Azure, Microsoft Power Platform
- **Azure:** Blob Storage, SQL, Functions, Data Factory, Synapse Analytics
- **Big Data:** Hadoop, PySpark, Hive, Cassandra, Kafka
- **Other:** Postgres, REST APIs, AWS, R, Tableau, HTML, CSS, JavaScript

Work History

Data Analyst
ProCloud

Jan 2021 – Present
Boyle, Co Roscommon

- Designing and implementing Python data pipelines that extracts data from client systems.
- Developed a Python-based data pipeline using azure functions to extract monthly invoice data through REST API, which loads data into Azure SQL for reporting.
- Used PowerBI to create budget reports for local county councils, resulting in time savings of 9-10 hours per month for finance department staff. The generated reports encompassed comparisons between annual budgets and expenditures, monthly income and expenses, as well as department-specific budget allocations.
- Created an ETL pipeline utilizing Azure Functions to handle the daily processing of 1 GB XML files from Azure Blob Storage, followed by loading the transformed data into Azure SQL.
- Developed and optimized debit card activity tracking, monthly invoicing, daily reconciliation processes, and credit union reconciliation reports using PowerBI for a financial client. Implemented row-level security, resulting in a reduction of 10-15 hours per month in client's workload.
- Assisted team members in gathering and preparing data for data-driven solutions using Microsoft Power Platform.
- Led the development and implementation of the ePMDs app. The app is now used by over 2,000 users across five county councils and has helped to improve employee training and development aligned with business requirements.
- Built a data pipeline that ingests data from an on-premises Agresso finance system into an Azure SQL database on regular basis using Azure Data Factory.

Software Engineer
Synlogica Solutions

July 2016 – Dec 2017
Bangalore, India

- Worked with a team of developers and designers to create high-quality webpages that meet the needs of the clients.
- Created and maintained database tables, indexes, and views to optimize performance and data access.
- Design PowerBI dashboards for weekly, monthly, and quarterly sales data for a client.
- Communicated effectively with stakeholders to gather requirements and deliver results.

Portfolio Projects

- Designed an ETL pipeline that loads data from JSON files hosted on AWS S3, transforms the data, and loads back the data into S3 in parquet format.
- Constructed a streaming event pipeline using Apache Kafka and its ecosystem to simulate and display the status of train lines in real-time.
- Used different Map Reduce Environments for big data analysis of Consumer Complaint

Database like Java, Python, Pig, Hive and Hadoop.

- Used Apache airflow to automate a data pipeline that extracts data from S3, loads data into AWS redshift and checks data quality.
- Built a data pipeline is built that extracts twitter stream data, processes using Kafka, stores in MongoDB.

Education

Master of Science: Data Analytics

National College of Ireland

2019

Dublin, County Dublin

Bachelor of Technology: Computer Science and Engineering

SV College of Engineering

2016

Tirupati, India

Certifications

- Data Engineering Nano Degree – Udacity
- Data Streaming Nano Degree – Udacity
- Power Platform Developer Associate – Microsoft
- Python for Data Science and Machine Learning Bootcamp – Udemey
- Apache Spark Essential Training: Big Data Engineering – LinkedIn Learning

GitHub: <https://github.com/harishgobugari>