GANESH CHANDRA MEESALA

Email: ganeshchandravadhan@gmail.com
Mobile: 6303733095 (+91)
LinkedIn: https://www.linkedin.com/in/ganesh-chandra-meesala
LeetCode: https://leetcode.com/u/M-G-C-64

Collaborative Python Developer with expertise in scalable applications using Python, PySpark, and AWS. Skilled in developing and automating data processing, validation, and workflow optimization to improve efficiency and business outcomes. Experienced in streamlining processes and reducing manual effort through automation.

WORK EXPERIENCE

Cognizant Technology Solutions, Hyderabad, Telangana
Life Annuity Insurance | Full Time
Program Analyst (11/2023 - Present)

- Built a scalable ETL framework with Python, PySpark, AWS Glue, and S3, automating **500K+ file transformations** with **99.9% accuracy** in Sybase.
- Developed an execution framework reducing processing time from **38 to 8 hours (79% gain)** through parallel execution, eliminating **100% manual effort**.
- Optimized Sybase queries with stored procedures, cutting execution time by **60%** and enhancing ETL performance.
- Led a team of **2 developers** to complete the Novation Data migration in **3 months**, ensuring **100% compliance** and **zero data loss**.

Cognizant Technology Solutions, Chennai, Tamil Nadu
Life Insurance | Full Time
Program Analyst Trainee (03/2023 - 11/2023)

- Designed AWS Glue jobs, Lambda functions, DynamoDB, and EventBridge rules to automate data workflows, improving efficiency and scalability.
- Built a Glue job to reconcile **7M+ records**, ensuring data accuracy across multiple datasets.
- Optimized SQL reporting by replacing **40 queries** with a single PySpark Glue job, cutting execution time from **4 hours to 30 minutes (87.5% reduction)**.

Cognizant Technology Solutions, Chennai, Tamil Nadu
Intern (05/2022 - 09/2022)

- Built **Python scripts** with **PySpark and Pandas** to replace **50+ Informatica transformations**, enhancing ETL efficiency and reducing **legacy system dependency by 80%**. Optimized processing speed by **60%**, enabling faster and more scalable data pipelines.

Personal Projects:

FinMan

(https://github.com/M-G-C-64/Finman)

TechStack: Python, Django, MySQL, Pandas, Plotly, Gspread, Git, Github

Designed and developed a Python-based expense tracker integrating Google Sheets and MySQL for real-time financial management. Automated data retrieval, database updates, and spending analysis with Pandas and Plotly. Built a Django web dashboard for visualizing categorized expenses, leveraging APIs and automation for efficiency.

Spotify playlist to Youtube player

(https://github.com/M-G-C-64/spotify_to_yt)

TechStack: Python, Selenium, Spotipy, Multi-threading, Git, Github

Built a multi-threaded Python script that extracts metadata from a given Spotify playlist and plays corresponding video songs on YouTube via a web browser. Implemented functionality to skip the current song or skip a specified number of songs, Improved user control and playback functionality. Processed playlist of **800+** songs in **55 seconds**.

Skills (Proficiency Rating out of 5):

Programming Languages:	Python (4.5), Java (2.5), SQL (4.1), JavaScript (3.1)
Frameworks:	PySpark (3.0), Pandas (3.5), Django (3.2), Flask (3.2), NodeJS (3.4), ReactJS (3.5)
AWS Cloud & Data Services:	AWS Glue (3.8), AWS S3 (4.5), AWS Lambda (4.1), DynamoDB (3.6)
Other Cloud Services:	BigQuery (3.4), Databricks (4.0), RESTful APIs (3.6), Microservices (3.7)
BI & Visualization:	Power BI (4.1), Tableau (3.2)
Version Control & IDEs:	Git (4.1), GitHub (4.1), PyCharm (4.5), VS Code (4.7)

Achievements:

- Rising Star Award (2024): Recognized as Rising Star of the year for successfully taking over and optimizing a **senior engineer's role** within one month, saving $18,000 annually.
- Champion of Hyderabad (2024): Awarded for great technical performance along with leading the monthly team building program

Education:

- **Bachelor of Technology in Electronics and Communications**
  Gayatri Vidya Parishad College of Engineering - Visakhapatnam
  Graduation Year : 2022
  Relevant Coursework : Data Structures, Algorithms, Databases, Cloud, Machine Learning