NANDURI SAITEJA RAJU

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PROFILE SUMMARY

B.Tech Computer Science graduate with strong communication skills, analytical thinking, and a foundational understanding of software systems. Logical thinker with interest in business processes, data interpretation, and user needs familiar with tools like Excel, Power Bi and basic SQL. Seeking a role where I can bridge technical understanding with business or support functions to contribute to organizational success.

EDUCATION

B.Tech in Computer Science & Engineering QIS College of Engineering & Technology	2021 - 2025	7.65/10
Senior Secondary Education Jayabharathi Junior College	2019 – 2021	66 %
Senior Education Balavikas High School	2018 – 2019	87 %

Skills & Tools

Programming: Python (Pandas, NumPy, Matplotlib)

Visualization: Power BI, Excel, Seaborn, Tableau

Databases: PostgreSQL , MySQL

Business Intelligence & Reporting: Dashboard Creation, KPI Metrics

Data Cleaning & Processing: ETL, Data Wrangling, Data Transforming

Soft Skills: Problem-Solving, Communication, Attention to Detail

PROJECTS

1. Real-Time COVID-19 Data Analytics Dashboard

Duration: 3 Weeks , Tools: Python, API, PostgreSQL, Power BI

- Developed a real-time COVID-19 analytics pipeline that integrates data from a public API and updates a centralized PostgreSQL database .
- Cleaned, transformed, and validated large-scale data using Python (Pandas), ensuring accurate handling of missing values and timestamp conversions.
- Designed an interactive Power BI dashboard featuring global and country-level KPIs: total cases, deaths & recoveries, and testing rates.
- Implemented advanced visual elements such as gauge charts for death rate, recovery rate, and test-per million metrics.
- Automated data ingestion and storage using Python scripting and PostgreSQL for seamless backend processing.
- Enabled dynamic Power BI refresh to reflect live updates from the database, enhancing data accuracy and timeliness.

2. Simulated B2B Purchase Order Integration System (inspired by IBM Sterling Integrator)

Tech Stack: Python, PostgreSQL, Power BI

- Simulated receiving purchase orders via CSV (as EDI input).
- Built a Python ETL pipeline to validate, clean, and tag exceptions (like invalid dates or supplier codes).
- Stored clean and error-tagged data into PostgreSQL using custom schema.
- Exported valid orders into .edi-style flat files for outbound flow.
- Connected Power BI to PostgreSQL to show KPIs: Total, Valid, Invalid Orders
- Mimics the way Sterling Integrator handles document routing, transformation, and visibility.

CERTIFICATIONS

Data Analyst Bootcamp - Udemy
Python Programming -Mindluster
Power BI Micro Course
Introduction to SQL – Coursera