VASANTH B

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PROFESSIONAL SUMMARY

Motivated and detail-oriented **Data Engineering & Data Analytics enthusiast** with strong skills in **Python, SQL, PySpark, AWS (S3, Glue)** and data visualization using **Power BI**. Hands-on experience through personal projects involving data cleaning, automation, and dashboard creation. Skilled in database handling using **MySQL, MS SQL, TablePlus**, and comfortable working with cloud-based tools. Additionally experienced in **front-end development** (HTML, CSS, Tailwind CSS, JavaScript, React.js), enabling a strong understanding of how data powers web applications. Previously worked in a **voice process role**, developing strong communication, teamwork, and problem-solving skills. Eager to begin a career in data engineering and continuously learn modern tools and technologies.

TECHNICAL SKILLS

Programming Languages: Python | SQL | JavaScript

Data Science Libraries: NumPy & Pandas | PySpark | Excel

Cloud Platform: Data Engineering & Cloud Platforms: AWS S3 | AWS Glue | Databricks | Airflow | MySQL | TablePlus

Front-End Web Development: HTML | CSS | Tailwind CSS | React.js

Key Skills: Teamwork | Problem-Solving | Adaptability | Critical Thinking | Time Management

WORK EXPERIENCE

Troika Research Technologies
Customer Support Executive – Jan 2024 to Sep 2025

- Handled outbound calls to customers and verified whether the contact belonged to a business or residential category.
- Accurately recorded customer information and updated internal systems.
- Maintained high call efficiency while ensuring clear communication and professionalism.
- Developed strong communication, attention to detail, and customer interaction skills.

INTERESTS

Data Engineering | Cloud Technologies | Python | Big Data | Automation | Continuous Learning

PROJECTS

1. **Stock Data Vizualization (Personal Project)**

- **Project Objective:** Banking / Investment Analytics
- **Approach:** Developed a data lake solution for analyzing stock market and banking transaction data. Utilized Jupyter Notebook for data exploration and Python (Pandas) for data wrangling and transformation. Stored processed datasets in PostgreSQL for structured querying and reporting, leveraging TablePlus for efficient database management, validation, and query optimization. Built interactive visualizations using Seaborn and Matplotlib to uncover market trends and investment insights. Focused on improving data accuracy and performance through indexing, query optimization, and modularized workflows.
- **Technologies used:** Python (Pandas), PostgreSQL, Jupyter Notebook, Seaborn, Matplotlib, TablePlus

2. **Portfolio Website (Front-End Development Project)**

- **Project Objective:** Build a personal portfolio website to showcase technical projects, data engineering work, and front-end development skills.
- **Approach:** Designed and developed a responsive web portfolio using **HTML, CSS, Tailwind CSS, JavaScript, and React.js**. Focused on creating a clean, modern user interface with smooth navigation and reusable components. Integrated dynamic project sections to highlight Data Engineering and Visualization work, ensuring performance optimization and scalability.
- **Technologies used:** HTML, CSS, Tailwind CSS, JavaScript, React.js

EDUCATION

Course	Institution	Year
Bachelor of Engineering (Computer Science & Engineering)	Nehru Institute of Engineering and Technology	2019 - 2023
HSC	SDA Matric Hr Sec School	2018 - 2019
SSLC	SDA Matric Hr Sec School	2016 - 2017