GAGAN A J

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CAREER OBJECTIVE

Detail-oriented Data Analyst aspirant with strong proficiency in Python, SQL and Business Intelligence tools. Experienced in building ETL pipelines, data visualization dashboards, and foundational knowledge on Cloud Platfroms , Eager to apply analytical and problem-solving skills to deliver impactful data solutions.

SKILLS

- **Programming Languages:** Python (Data Manipulation With Pandas, NumPy , Matplotlib), SQL
- **Data Visualization tools :** Power BI , Matplotlib
- **Databases:** PostgreSQL
- **Data Tools :** Excel , Power Query , Power Pivot ,DAX
- **Cloud (Basics):** AWS / Azure / GCP
- **Key Skills :** ETL Processes, KPI Tracking , Database Management, Data Cleaning and Validation
- **Soft Skills :** Strategic thinking, effective communication

EDUCATION

B.E. | Electronics & Communication Engineering (ECE) | VTU **2026 | CGPA: 8.0**
PES Institute of Technology, Shivamogga, Karnataka

Intermediate | PCMB | KSEA Board **2022 | Percentage: 80.02%**
S.P.S.M PU College, Davanagere, Karnataka

Class 10th | CBSE Board **2020 | Percentage: 78.05%**
Sri Sai Gurukula Residential School, Honnali, Karnataka

PROJECTS

1. **AI-Based IoT Health Monitoring System with Drug Prescription and Alerts** **Nov | 2025**

- Developed a real-time IoT-based health monitoring system using ESP32 and sensors (DHT11, DS18B20, MAX30102, AD8232) to track ECG, SpO_2, heart rate, temperature, and humidity, with data transmitted to Firebase.
- Integrated an AI model for disease detection and drug prescription, with a web app enabling real-time alerts and secure patient-doctor communication.

2. **Monday coffee expansion project– SQL**

- Analyzed coffee sales data to estimate market size, consumer demand, and city-wise revenue, and rent feasibility.
- Performed insights for top-selling products, monthly sales growth, and market potential using data analytics techniques.
- Identified top 3 cities—Pune, Delhi, Jaipur—for new store expansion based on Analytics.

3. **Student Performance Data Pipeline & Dashboard – Python, SQL, Power BI**

- Developed an ETL pipeline to extract, clean, and load student performance data into MySQL using Python.
- Wrote SQL queries to generate insights (subject toppers, averages, attendance vs scores).
- Built a Power BI dashboard to visualize student performance trends and weak subject areas.

CERTIFICATIONS & TRAININGS

- Microsoft Power BI – Udemy | Link
- SQL and PostgreSQL for Beginners – Udemy | Link