

# Aryan Raj Singh

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## SUMMARY

Aspiring Data Analyst with strong skills in Python, SQL, and data visualization. Passionate about extracting actionable insights from complex data. Eager to drive data-based decisions and create business value.

## EDUCATION

<b>Sapthagiri College of Engineering</b> Bachelor of Engineering (CSE), GPA: 8.71 (Till 6 <sup>th</sup> Semester)	Bengaluru, India <b>Dec 2022-May 2026</b>
<b>MGVM Pre-University College</b> XII, Percentage: 85.6%	Belagavi, India <b>April 2021-April 2022</b>
<b>Kendriya Vidyalaya No.1 AFS Samba</b> X, Percentage:70.16%	Belagavi, India <b>April 2019-April 2020</b>

## SKILLS SUMMARY

- **Languages:** Python, Java, SQL
- **Libraries:** Pandas, NumPy, Matplotlib, Scikit-learn
- **Tools:** Git, GitHub, PostgreSQL, Docker, Power BI, Apache Airflow, GitHub Copilot
- **Platforms:** Visual Studio Code, Jupyter, IBM Watson, IntelliJ, Google Colab
- **Soft Skills:** Stakeholder Management, People Management, Excellent Communication

## PROJECTS

- ETL End-to-End Weather Pipeline (Airflow, Astro, PostgreSQL, Docker) | [Link](#)** **August-2025**
- Designed and implemented an **end-to-end ETL pipeline using Airflow** to fetch real-time weather data from the Open-Meteo API.
  - Performed **data transformation and loaded structured output** into PostgreSQL running inside Docker.
  - **Visualized and validated data using SQL queries in DBeaver** and Gained hands-on experience with DAG scheduling, Airflow hooks, and container networking.
- End-to-End Vendor Performance Analytics | [Link](#) | [Colab Link](#)** **July 2025**
- Developed a **dynamic Power BI dashboard** to analyse performance trends from a dataset of 30 million+ records.
  - Engineered an automated **data ingestion and cleaning pipeline** using Python (Pandas, SQL Alchemy).
  - Created **DAX measures to visualize KPIs**, vendor performance tiers, and profitability to support business strategy.

## WORK EXPERIENCE

- AI and Cloud Intern|Edunet Foundation(Non-Employable) | [Link](#)** **Jun 2024-July 2024**
- Explored various IBM AI and Cloud technologies such as SkillsBuild, IBM Cloud Platform & IBM Watson Studio.
  - Mapped city-specific tax contribution datasets into insightful graphical representations using data visualization frameworks.
  - Visualised the datasets in graphical formats using Data Visualisation Frameworks **Pandas and Matplotlib** using IBM Watson Studio. Identified and reported key causes for reporting errors by exploring various IBM AI & Cloud technologies.

## ACHIEVMENTS

- **First Prize, CS Dept. Hackathon:** Co-developed a collaborative web app for students to annotate documents, share notes, and create flashcards.
- **Second Prize, IS Dept. Hackathon:** Co-developed a location-based Teacher Attendance System, allowing instructors to mark attendance via mobile only when on campus.

## CERTIFICATES

- Complete A.I. & Machine Learning, Data Science Bootcamp | [Certificate](#)** **May-2025**
- Completed 44-hour AI & Machine Learning Bootcamp on Udemy, gained hands-on experience with Python, TensorFlow, Pandas, and Scikit-learn.
- Enterprise-Grade AI (IBM) | [Certificate](#)** **June-2024**
- Learned about the AI integrations with different technologies and their various use cases in real-time projects.