PIYUSH KUMAR

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EDUCATION

Bachelor of Technology, Computer Science Engineering — 2024
GIET University, Gunupur, Odisha — **CGPA:** 8.13
Relevant Coursework: DBMS, OOPs, Software Engineering, Data Science, Operating Systems, AI, Networking

TECHNICAL SKILLS

Programming & Libraries:	Python, SQL, NumPy, Pandas, Matplotlib
ETL & Data Engineering Tools:	Talend, Qlik, Extract Transform Load (ETL)/ELT, Data Pipelines, Data Migration, Data Integration
Databases & Warehousing:	Snowflake, Google BigQuery, Data Warehouse, Data Modelling
Cloud Platforms:	Google Cloud Platform (GCP), BigQuery, Dataflow, Pub/Sub, Cloud Storage
DevOps & Version Control:	Git, CI/CD
Data Architecture:	Data Mesh Architecture, Data Governance & Security, IAM, Access Control, Policies, Data Lineage
Emerging Tech:	Generative AI(GenAI), Prompt Engineering, Machine Learning Concepts

EXPERIENCE

Packaged App Development Associate (ASE) — Oct 2024 - Present
Accenture, Gurugram, India

- **Designed ETL pipelines** in **Talend** to load and transform data into **Snowflake and BigQuery**, increasing data availability and reducing reporting delays by **40%**.

- **Automated data migration and integration workflows** with Talend and Qlik, cutting **manual processing effort by 30%** and improving consistency across datasets.

- **Optimized SQL queries**, reducing execution time by **25%** for analytics workloads and enhancing efficiency in reporting use cases.

- **Built data pipelines on GCP** (Dataflow, Pub/Sub) to support both batch and streaming ingestion, enabling near **real-time data availability** for downstream analytics teams.

- Applied **data modelling and warehousing techniques** (star schema, partitioning), which improved **query performance by 20%** and reduced computation costs.

- **Accenture Premier League (APL) − GCP:** Secured **Runner-Up position** in Accenture's internal cloud competition focused on **Google Cloud Platform (GCP)**, demonstrating strong cloud expertise and problem-solving skills.

Data Analyst Intern — May 2022 – Dec 2022
Lagozon Edutech Pvt. Ltd., Delhi, India

- **Designed** 10+ interactive Power BI dashboards, increasing client data insights by 45%.

- Developed RX SALES dashboard for a UK pharma client, improving sales tracking accuracy by 35%.

- Automated spreadsheet data processing using Excel macros and SQL queries, reducing manual effort by 60%.

PROJECTS

- **End-to-End Data Integration & Management:** Built ETL pipelines in **Talend**, automated deployments with **TMC**, and integrated datasets with **Qlik Cloud**, reducing manual reporting effort by **50%** and improving data availability with daily refresh cycles.

- **Automated Data Onboarding Framework:** Designed a scalable pipeline using **Talend**, **Snowflake**, **MySQL**, and **Qlik** to automate onboarding and transformations, delivering **analytics-ready data marts** and cutting data processing time by **35%**.
- **REST-Based Catalog System:** Developed a microservice in **Talend** with a **MySQL** backend to serve Books & Movies via REST APIs, reducing integration effort by **40%** and accelerating downstream consumption.
- **Text Summarization using NLP:** Implemented a **LexRank**-based model with **Flask** to generate concise summaries (23+ languages), enhancing readability and reducing review time.

CERTIFICATIONS

Google Cloud: 4X Google Cloud Certified

Snowflake: 2x Snowflake Certified

Qlik: Qlik Talend Core Developer

MongoDB: SI Associate Certified

EXTRA-CURRICULAR ACTIVITIES

- Conducted Python for Data Science workshop for 500+ students, achieving 90% satisfaction rating.
- Completed Google Cloud Career Practitioner program twice; won 3+ Trivia challenges.

LEADERSHIP & RESPONSIBILITIES

- Personality Trainer at PDCS Club (2020–2024)
- Management Lead, Shrujan 2.0 University Fest (2022–2023)