

# 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

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

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**Google Cloud:** 4X Google Cloud Certified

**Snowflake:** 2x Snowflake Certified

**Qlik:** Qlik Talend Core Developer

**MongoDB:** SI Associate Certified



## EXTRA-CURRICULAR ACTIVITIES

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- 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

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