

# Pragati Kumar Chaudhary

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## SUMMARY

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Passionate learner in Data Engineering, gaining experience in building data pipelines and ETL processes using Python, SQL, and Apache Spark. Familiar with AWS cloud services and big data tools. A strong team player focused on improving data workflows while mastering best practices in data security and governance. Eager to grow and contribute in data-driven environments.

## SOFT SKILLS

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- Effective Communication
- Problem Solving
- Team Collaboration
- Adaptability
- Attention to Detail

## TECHNICAL SKILLS

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- **Languages:** Python, SQL
- **Tools:** PySpark, Kafka, Airflow, Git, Docker
- **Cloud:** AWS
- **OS:** Linux, Windows
- **Concepts:** ETL, ELT

## EXPERIENCE

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### Data Engineer Bootcamp Trainee

March 2025 – July 2025

Techkraft Inc Pvt. Ltd., Chakupat, Lalitpur

- Learned PySpark for processing big data efficiently.
- Gained hands-on experience with Airflow and Docker for workflow automation and containerization.
- Worked with Pandas, PostgreSQL, and MongoDB for data manipulation and storage.
- Practiced building reliable data pipelines and applying basic data security measures.

### Technical Support Representative

May 2022 – Dec 2023

Vianet Communications, Jwalakhel, Lalitpur

- Configured and troubleshooted routers and home networking devices.
- Resolved client issues including IPTV buffering, gaming latency, and internet disconnections.

## PROJECTS

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### Covid-19 Tracker/Synthetic Healthcare Insights

 [\[GitHub Repository\]](#)

Python, SQL, Airflow, Docker, Snowflake

- Designed and orchestrated an ETL pipeline using Apache Airflow to load COVID-19 healthcare data from S3 to Snowflake.
- Implemented data cleaning and transformation scripts in Python to process patient care plans, encounters, and observation datasets.
- Created ODS, staging and warehouse layer schemas in Snowflake to support analytical workloads and BI reporting.

### Real-Time Weather Analytics Dashboard

 [\[GitHub Repository\]](#)

Python, PySpark, Apache Kafka

- Developed a real-time weather analytics dashboard using OpenWeather API.
- Used Kafka and Spark Streaming for real-time data ingestion and processing.
- Built dashboard using Dash for real-time weather visualization.

## EDUCATION

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### IIMS College

Bachelor's Degree in Computer Science

March 2022 – 2026

Kathmandu, Nepal

### United Academy

+2 Science

Jan 2016 – March 2018

Kathmandu, Nepal

### Nepal Police Higher Secondary School, Sanga

Secondary Education Examination (SEE)

April 2014 – May 2016

Kavre, Nepal

## CERTIFICATIONS

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- Data Engineering Bootcamp – Techkraft Inc [\[View Credential\]](#)
- SQL (Basic) – HackerRank [\[View Credential\]](#)
- Academy Accreditation - Databricks Fundamentals – Databricks [\[View Credential\]](#)
- AWS Cloud Quest: Cloud Practitioner 2024 – AWS [\[View Credential\]](#)
- Getting Started with Docker 2024 – Simplilearn [\[View Credential\]](#)
- Python Developer 2024 – Sololearn [\[View Credential\]](#)

## LEADERSHIP & VOLUNTEERING

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### Community Builder – IIMS Data Science Community

IIMS College, Kathmandu

March 2024 – Present

- Founded a student-led community focused on Data Science, AI, and Big Data.
- Leading initiatives to build networks among peers and foster technical growth.