# NIKHIL KOWALSKI

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## SUMMARY OF QUALIFICATIONS

- Data engineer focused on reliable pipelines and numbers the business can trust.
- Experience across 3 employers, most recently as Senior Data Engineer at Nimbus Energy.
- Enjoy turning messy source data into clean, documented models.
- Known for clear communication with colleagues and for following work through to the end.

## EDUCATION

**DePaul University** — **Chicago, IL**

*BSc Mathematics and Statistics* — *2021*

## PROFESSIONAL EXPERIENCE

**Nimbus Energy** — **Manchester**

*Senior Data Engineer* — *Oct 2025 – Present*

- Built a self-serve dataset catalogue so analysts could find tables without asking.
- Worked with analysts to define one set of customer metrics used across the business.
- Documented every production pipeline and set up alerts for late or failed loads.
- Rebuilt the nightly sales models so finance had numbers by 7am instead of midday.
- Set up access controls so sensitive tables were only visible to approved roles.

**Granary Data** — **Manchester**

*Data Engineer* — *Sept 2024 – Sept 2025*

- Built batch and streaming pipelines feeding the company's reporting layer for 15 business teams.
- Created a backfill process that reloaded three years of history in a weekend.
- Partnered with security to mask personal data in non-production copies.
- Moved legacy cron jobs onto a scheduled, monitored platform.

**Atlas Mobility** — **Manchester**

*Data Analyst* — *Oct 2023 – Aug 2024*

- Rewrote slow transformation jobs and cut nightly runtime from five hours to ninety minutes.
- Built a cost dashboard that showed each team what its queries cost.
- Ran fortnightly office hours for analysts with data questions.

## PROJECTS

**Public transport delays dashboard (side project)**

- Planned and delivered it alongside day-to-day work, with a written plan and agreed success measures.
- Shared the results with the wider team and kept the documentation up to date.

**Kaggle: retail demand forecasting**

- Planned and delivered it alongside day-to-day work, with a written plan and agreed success measures.
- Shared the results with the wider team and kept the documentation up to date.

## TECHNICAL SKILLS

Languages & tools: Python, Kafka Connect, Airflow
General: SQL, Git, Looker, Data modelling
Languages: English (Fluent)

## CERTIFICATIONS

- Google Cloud Digital Leader
- Data Engineering Fundamentals (online)

## EXTRA-CURRICULAR ACTIVITIES

- Member of a community choir.
- Volunteer at a local food bank twice a month.

## REFERENCE

Rafael Wright
Senior Lecturer, Nimbus Energy

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