FATIMA NOVAK

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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 Data Platform Engineer at Granary Data.
- Enjoy turning messy source data into clean, documented models.
- Known for clear communication with colleagues and for following work through to the end.

EDUCATION

University of Texas at Austin — **Austin, TX**
BSc Mathematics and Statistics — *2014*

PROFESSIONAL EXPERIENCE

Granary Data — **Austin, TX**
Data Platform Engineer — *Jan 2024 – Present*

- Created a backfill process that reloaded three years of history in a weekend.
- Rebuilt the nightly sales models so finance had numbers by 7am instead of midday.
- Moved legacy cron jobs onto a scheduled, monitored platform.
- Built a self-serve dataset catalogue so analysts could find tables without asking.

Pinecrest Bank — **Austin, TX**
Analytics Engineer — *Aug 2020 – Oct 2023*

- Introduced data quality checks that caught bad supplier feeds before they reached dashboards.
- 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.
- Rewrote slow transformation jobs and cut nightly runtime from five hours to ninety minutes.

Pinecrest Bank — **Austin, TX**
BI Developer — *Sept 2016 – May 2020*

- Cut warehouse compute cost by 35% by partitioning large tables and removing unused models.
- Set up access controls so sensitive tables were only visible to approved roles.
- Built batch and streaming pipelines feeding the company's reporting layer for 26 business teams.

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

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- Shared the results with the wider team and kept the documentation up to date.

RESEARCH & PUBLICATIONS

A case study of shift scheduling — **2026**

- Short paper shared internally and at a local meetup.

TECHNICAL SKILLS

Languages & tools: Python, dbt, Snowflake
General: SQL, Git, Looker, Data modelling
Languages: English (Fluent), German (B2)

CERTIFICATIONS

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

EXTRA-CURRICULAR ACTIVITIES

- Organiser of a monthly running club with around 30 members.
- Mentor for a school careers programme, helping students with CVs and mock interviews.
- Treasurer of a local sports club, keeping the accounts and membership list.

REFERENCE

Olivia Fernandez
Engineering Manager, Meridian Insights
Contact: olivia@example.com