

Jonathan Hazeley

Principal-Level Data Engineer

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SUMMARY

Client-facing technical lead on two to three concurrent Databricks migrations across Entertainment, Finance, Healthcare, and Real Estate. I set the delivery standard engagement teams build inside and the agentic tooling that automates the migration work itself. I wrote the technical case behind a ~\$1.5MM Microsoft and Databricks ECIF proposal. Seeking Principal work where the mandate is the platform and the practice.

EXPERIENCE

Lead Data Engineer Consultant · Lovelytics

Oct 2025 – Present

Charlotte, NC

- Lead two to three concurrent client engagements as the client-facing technical lead, owning architecture decisions, delivery quality, and risk on each. Four in total across Entertainment, Finance, Healthcare, and Real Estate, across Azure, AWS, and GCP.
- Entertainment: led a Snowflake-to-Databricks migration onto a medallion architecture, and built the validation framework that became its sign-off gate: 114 automated checks across 678M migrated rows, catching a live source-side load error the source system never surfaced.
- Engineered and presented the Databricks proof of concept behind a ~\$1.5MM Microsoft and Databricks ECIF proposal in Finance, and produced the Real Estate migration plan covering architecture, resourcing, cost, and risk, carried through POC to an executed SOW with partner funding secured.
- Set the Databricks delivery standard the engagement teams build inside, covering workload translation, validation, testing, and deployment. Enforce it through review on every engagement, and build the Model Context Protocol and Claude Agent SDK tooling that automates it.
- Mentor data engineers and visualization developers across engagement teams of 3–6, providing technical guidance and code review.

Senior Data Engineer · NC Department of Information Technology

May 2025 – Oct 2025

Remote

- Owned the data strategy behind statewide reporting: standardized 100+ business metrics in a central Business Model Glossary and designed dimensional models within a Data Mesh framework, so reporting resolved to a single definition.
- Architected and deployed Delta Live Table pipelines in PySpark, automating real-time ingestion of transportation datasets and improving statewide safety reporting availability 30% over the legacy ETL.
- Introduced test-driven development for data pipelines, cutting data errors 60% and raising confidence in analytics across multiple projects.

Data Engineer · Snap One (acquired by ADI Global)

Oct 2021 – Apr 2025

Title of record: Data Analytics Engineer · Remote

- Established the data governance framework: anomaly detection, CI/CD-enabled quality checks, version control, and gold-metric certification, so leadership trusted the numbers it acted on.
- Developed and automated 15+ Databricks pipelines integrating IoT and SaaS sources, contributing to a 50% EBITA increase (~\$50M) and a multi-million-dollar ARR customer win.
- Served as Scrum Master for two geographically dispersed US and EU data science teams, shaping shared development practices across time zones.

Product Analyst, later Product Owner · Duke Energy

Oct 2019 – Oct 2021

Charlotte, NC

- Drove metrics strategy across 39 digital products using product-led growth and A/B testing, enabling leadership to track ROI against \$75M in targeted operational savings.
- As Product Owner, owned a ~\$3M business case to scale product development and implement metered funding across Duke Energy IT.

Earlier: Data Scientist / Solutions Engineer, Celonis (Nov 2018 – Sep 2019) · Data Analyst, Bank of America Merrill Lynch (May 2017 – Nov 2018)

SKILLS

Languages & processing: SQL · Python · PySpark · Apache Spark (Structured & Streaming)

Databricks & lakehouse architecture:

Databricks · Unity Catalog governance · Lakeflow Declarative Pipelines / DLT · Delta Lake · Databricks Asset Bundles · Medallion architecture · Migration architecture

Storage & query engines: Snowflake · BigQuery · Postgres

Cloud & delivery: Azure (ADLS, Fabric) · AWS · GCP · ETL / ELT · CI/CD for data · Azure DevOps · dbt

AI & agentic systems: Azure OpenAI · Model Context Protocol · Claude Agent SDK · Agent evaluation

Analytics & BI: Power BI · Epic Clarity / Caboodle · Heap.io

Practice & leadership:

Databricks migrations · Data governance frameworks · Test-driven development for pipelines · Mentorship & technical guidance · Multi-engagement delivery · Agile / Scrum

EDUCATION

M.S. Management (Business Analytics) · Wake Forest University School of Business 2017

B.S. Mechanical Engineering · University of North Carolina at Charlotte 2015

CERTIFICATIONS

Verify every credential at jonathanhazeley.com/credentials

Databricks Certified Data Engineer Associate · Databricks 2025

AWS Certified Cloud Practitioner · Amazon Web Services 2022