

Kaushik Songarwala

Jersey City, NJ, USA | +1 (551) 689-6916 | songarwala@gmail.com | [linkedin.com/in/kaushik47/](https://www.linkedin.com/in/kaushik47/) | [Portfolio](#)

Summary

Seasoned data engineer with a strong track record in designing and maintaining end-to-end ETL pipelines and cloud-native data platforms. Delivered high-impact solutions such as a \$1M+ claims reconciliation pipeline on AWS that achieved 99.9% uptime and integrated machine-learning models to cut manual processing time by 40%. Also built scalable data integration and CI/CD workflows that boosted reporting throughput by 40% and reduced deployment cycles by half. Seeking to apply this expertise to accelerate data-driven decision making and operational efficiency for the organization.

PROFESSIONAL EXPERIENCE

Intellirev | *Data Engineer*

May 2025 - Present

- Designed and maintained end-to-end ETL pipelines using Python (Pandas, PySpark) and MongoDB, reconciling \$1M+ in annual claims and payments with 99.9% data uptime, enabling real-time visibility across financial and supply chain functions.
- Integrated machine learning models into ETL workflows, reducing manual reconciliation time by 40% and detecting 95% of billing anomalies before submission, improving automation accuracy and compliance.
- Architected a HIPAA-compliant cloud environment on AWS (EC2, S3, Lambda) handling 500+ monthly data transactions, optimizing throughput by 30% while ensuring regulatory-grade data security.
- Collaborated with data scientists, Power BI developers, and SAP stakeholders to operationalize ML-driven claim analysis, boosting collected revenue by 15% and surfacing actionable insights for supply chain and risk mitigation strategies.

Spectrum | *Data Engineer*

Mar 2024 - Apr 2025

- Built and deployed ETL pipelines and SQL transformations in MySQL server, improving throughput by 40% and reducing reporting delays by 2+ days across business intelligence workflows.
- Created Tableau dashboards integrated with data lakes, enhancing executive-level visibility into marketing and procurement performance.
- Developed containerized FastAPI microservices and implemented CI/CD with GitHub Actions, cutting deployment cycles by 50% and ensuring consistent delivery of analytics applications.
- Partnered with cross-functional teams to standardize data models, Power Automate flows, and SQL templates, improving reporting accuracy to 99% and reducing repetitive manual processes by 35%.

BNY Mellon | *Data Engineer*

Jul 2023 - Mar 2024

- Engineered and automated data integration pipelines across Snowflake, MySQL, and SAP, increasing financial reporting efficiency by 30% and streamlining compliance workflows.
- Delivered Tableau and Power BI dashboards leveraging Databricks real-time data streams, cutting latency of market risk insights by 35% and enabling faster executive response.
- Implemented data governance and lineage tracking with AWS IAM, audit logs, and Power Automate notifications, ensuring secure, traceable, and compliant data flows.

Awaywego | *Data Analyst*

Jul 2019 - Jul 2021

- Developed a PostgreSQL analytics platform supporting 10K+ monthly queries, accelerating GTM and supply chain decision-making processes.
- Built modular ETL pipelines using Alteryx and MySQL, reducing batch processing latency by 40% and increasing data reliability for executive reporting.
- Created reusable dashboard templates for investment teams, reducing repetitive requests and promoting analytics self-service adoption across teams.

SKILLS

- Business Strategy, Data Analysis, Data Science, Google Analytics, GraphQL, Business Analytics, Linux/Unix-, Management, Market Research, R, MySQL, Oracle, Pandas, Postgres, Product Design, SCRUM, SQL, Tableau, Python, NoSQL, Financial analysis, Agile, AWS, Operations Research, Git, Machine Learning, Airflow, Databricks

EDUCATION

Stevens Institute of Technology | *Master's, Information Systems* (GPA: 3.819)

Aug 2021 - May 2023