

ZOUBIN IRANI

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WORK EXPERIENCE

Warner Music Group | Staff Software Engineer, Data Platform | May 2025 to Present | Toronto, ON

- **Summary:** Technical lead driving the architectural strategy and engineering execution for WMG's next-generation data ecosystem.
- Directed engineering teams in delivering a suite of Data Products, driving company-wide adoption to support critical engineering, data science, AI, and strategic business needs.
- Partnered with executive leadership to formalize the Data Product roadmap, bridging ambiguous business requirements with rigorous technical standards to scale the platform, manage FinOps, and elevate the user experience.
- Acted as the primary Data SME, mentoring junior engineering teams to bridge technical gaps and architect cost-effective solutions for complex, high-scale data requirements.

theScore / PENN Interactive | Senior Data Engineer, Data Services | May 2024 to May 2025 | Toronto, ON

- **Summary:** Technical lead; led the development of the Event Ingestion (multi-TB per day) and Fulfillment platforms.
- Architected a technical turnaround for a high-stakes, multi-year Event Ingestion replatforming effort; eliminated architectural bottlenecks through design simplifications that secured an on-time, zero-incident launch while reducing infrastructure costs by 80% and increasing throughput by 300%.
- Orchestrated the end-to-end migration of the Data Fulfillment platform from AWS Redshift to GCP BigQuery.
- Fortified the Event Ingestion platform through additional monitoring, alerting, error handling, and tuning.
- Mentored engineers through 1-on-1s, providing technical guidance within the data organization.

Reddit | Senior Software Engineer, Data Ingestion Platform | Oct 2022 to May 2024 | Toronto, ON

- **Summary:** Development of the Change Data Capture (CDC), Flink, and Event Ingestion (150B+ events per day) platforms.
- Enhanced and scaled the CDC platform, serving as the technical SME for streaming data from relational databases to BigQuery via Kafka and Debezium.
- Delivered a Flink-on-Kubernetes proof-of-concept, establishing an enterprise design pattern for scalable streaming infrastructure.

Wayfair | Software Engineer II, Data Platform | Sept 2021 to Oct 2022 | Toronto, ON

- **Summary:** Development of the Event Ingestion platform (~20TB per day) and Data Warehouse.
- Facilitated the batch-to-streaming migration of the Event Ingestion platform by engineering new streaming features, building user migration tools, and maintaining legacy system reliability.

HomeX | Senior Software Engineer, Cloud/Data Infrastructure | Mar 2020 to Sept 2021 | Toronto, ON

- **Summary:** Foundational development of the Data Warehouse and Event Ingestion platforms.
- Spearheaded the end-to-end design and development of the company's first Event Ingestion platform to reliably gather and process user events.

CIBC | Analytics Consultant, Advanced Analytics | May 2017 to Mar 2020 | Toronto, ON

- **Summary:** Partnered with risk management leadership to develop data-driven solutions for operational challenges.
- Led the end-to-end development of several branch risk models, uncovering critical risk vectors that informed operational strategy.

KPMG | Consultant, Strategy & Operations | Sept 2015 to May 2017 | Toronto, ON

- **Summary:** Worked with clients on strategic and operational problems using quantitative and qualitative tools.
- Engineered a statistical toolkit for a provincial ministry to help enable data-driven decision-making.

EDUCATION

Ivey Business School | HBA | 2015 | London, ON

- Ivey Scholar (ranked in the top 10% in both the penultimate and final year of university).
- Focused on Economics, Management Science, Analytics, Financial and Data Modeling, and Strategy.

TECHNICAL SKILLS

Distributed Data Systems: Flink, Spark (PySpark), Kafka, Beam (Dataflow), Debezium, Snowplow.

Data Lakehouse & Storage: Databricks, BigQuery, Snowflake, Confluent.

Platform & Infrastructure: Kubernetes, Terraform, Helm, Airflow, Docker.

Languages: Python, Java, Scala, R, SQL.