

Hariharan Sasidharan

+1 6475132872 • Toronto, ON • hariharansasidharan95@gmail.com • [linkedin.com/in/hariharan-sasidharan/](https://www.linkedin.com/in/hariharan-sasidharan/)

Data Engineer

EXPERIENCE

Data Management - Subject Matter Expert Redink Edtech Solutions | Chennai, India

February 2021 – August 2021

- Supervised the data management team of 20 interns as the lead, increased team productivity by shortening sprint cycle time by 10%.
- Utilized Python to build a predictive modeling-based project, a key feature that led to 25% improvement in product sales.
- Handled setting up automated ETL systems that collected data from varying client systems and built DB system for clients which increased client retention by 80%.
- Set up staging DBs to run automated transformations which lead to 20% decrease in project overhead costs.

Junior Data Engineer

January 2020 – January 2021

Redink Edtech Solutions | Chennai, India

- Improved the existing company data warehouse by setting up SCD Type 2 tables effectively cutting down data warehouse size by 20%.
- Executed routine analytics on sales data and visualized key metrics with Tableau providing key insights for BI needed for the marketing team.
- Implemented regular changes to the Data Warehouse based on most frequent queries, increasing DB efficiency by 10%.
- Engaged in routine data exploration to identify new metrics and insights by collaborating with development team, effectively leading to model 2 projects.

Research and Development Intern

September 2019 – January 2020

Redink Edtech Solutions | Chennai, India

- Collaborated with 3 different teams, effectively assisting the teams in organizing agile workflow.
- Carried out exploratory research and identified top 5 key metrics to be incorporated into product, on which further projects were built on.
- Performed competitive analysis and developed pricing strategy based on market research, increasing product sales by 10%.

Data Specialist

January 2018 – September 2019

SCC Solutions | Cuddalore, India

- Lead Data entry team of 4 employees with various data entry and data transformation projects, achieving success rate of 100%.

EDUCATION

Conestoga College | Big Data Solutions and Architecture | Canada

September 2021 – April 2022

Sathyabama University | Bachelor of Technology - Information Technology | India

August 2013 – April 2017

Certifications

Google Crash course on Python - Issued Dec. 2020, No expiration date.

Microsoft Azure DP 203 * (Pursuing)

Google Professional Data Engineer * (Pursuing)

Several Other LinkedIn Learning Certifications

SKILLS

Programming Languages: SQL, Python, Scala, R Programming

Technologies: Azure - Data Factory, Synapse Analytics, Databricks, Stream Analytics, Power BI; **Apache** – Hadoop, Spark, Kafka; **NOSQL** - Mongo DB; **Visualization** – Tableau.