

Cristian Gabriel Muñoz Rosenfeld
<https://cmuros.reflex.run>
cgmuros@gmail.com
+56 9 84031210

Professional Overview

Experienced Computer Engineer with a proactive and organized approach. Proficient in data manipulation projects, demonstrating exceptional communication skills and a talent for fostering interpersonal relationships. Skilled in implementing Data Lake projects, utilizing open-source tools and leading platforms like AWS, Databricks and Snowflake.

Summary of Qualifications

Proficient In:

- | | | | |
|--|---------------------------------|-------------------------------------|----------------------------|
| • Python (Lambda, Data structures) | EMR, EC2, Lambdas, DynamoDB | SQL Server, MySQL | • Agile Methodologies |
| • Snowflake | • Databricks | • GIT (Gitflow) | • FastAPI |
| • Apache Spark (Batch and Stream) | (Delta Lake, DLT, Data Catalog) | • SQL | • Apache Hadoop |
| • AWS (Glue, Step functions, Athena, Redshift, S3, | • Apache Kafka, KSQLDB | • Docker | • Apache Hive |
| | • RDBMS (PostgreSQL, | • Apache Airflow | • Apache Airflow and Oozie |
| | | • MongoDB | • Unix Scripting |
| | | • Data Warehousing (Mult. Modeling) | • HDFS |
| | | | • Keboola |
| | | | • Airbyte |

Languages

Spanish native and advanced English

Career History

Contractor Modality (Different Projects and Clients)

Feb 2023 – Today

AWS lambda, triggers, S3, Cloud Formation, APIs, Python, ETL, ELT, PySpark, Snowflake, EMR, SQL

Senior Data Engineer

- Implementation of lambdas on AWS environment for digital marketing company.
- Snowflake Streams are used in order to capture upserts from a source table.

Northlabs, United States (No Office)

Aug 2022 – Feb 2023

Keboola, Airbyte, ETL, ELT, AWS, Snowflake, SQL

Senior Big Data Architect

- Implementation of transformation processes in Snowflake in which external stage components were used to ingest data from a bucket in s3.
- In order to process json (semi structure), a variant type column is used to later perform the

separation for each of the columns.

- Multidimensional model is implemented on snowflake in which dimensions and fact tables are created
- Helps American companies automate and implement data pipelines
- Understand the needs and propose a new architecture related to data collection, transformation and availability

Globant, Santiago, Chile

Aug 2019 – Aug 2022

AWS, GCP, Data Pipelines, Gitflow, Python, Pyspark, KsqlDB, Kafka, MongoDB, Databricks, Snowflake, SQL, DeltaLake

Senior Big Data Architect

- Participation as technical leader and data engineer in various data projects
- Design and implementation of frameworks and pipelines in batch and real time mode
- Helps American companies to improve and automate data processes

Teradata, Santiago, Chile

Oct 2017 – Aug 2019

Cloudera, Hive, Spark, Python, SQL, ETL, ELT, Gitflow, Oozie, HDFS, Hadoop.

Senior Big Data Architect

- Definition of tools, standards, best practices and implementation.
- Company Data Lake implementation using Cloudera distribution and its entire ecosystem.
- Support to development teams.

Globant, Santiago, Chile

Nov 2016 – Oct 2017

AWS, EMR, Java, Python, Spark, Hive, S3, ETL, ELT

Big Data Architect

- Datalake implementation using AWS Cloud (EMR)
- Technologies used in the implementation step: Oozie, impala, java, scala, spark, hive, HDFS, S3

Everis, Santiago, Chile

Mar 2016 – Nov 2016

OnPremise, Cloudera, Hadoop, Hive, HDFS, SQL, ETL

Big Data Architect

- Customer support in technical decisions regarding Company Data Lake implementation.
- Customer support in architecture design

TCS, Santiago, Chile

Jun 2015 – Mar 2016

Hortonworks, Hive, HDFS, Sqoop, Datalake, DB2

Senior Data Engineer Big Data and Business Intelligence

- Data Lake Modeling and developing for Scotiabank Mexico.
- ETL Development using Apache Sqoop ingesting data from DB2 to HDFS

Penta Vida, Santiago, Chile

Abr 2009– Jun 2015

Pentaho, ETL, SQL Server, ELT, SSIS, SSAS, SSRS, Java, SQL

Software Engineer

- ETL Developer using Microsoft SSIS, SSAS, and SSRS.
- ERP Company developer using java language.
- SQL Server Stored procedure maintenance.

Education**Universidad Tecnologica de Chile INACAP, Valparaiso, Chile**

2005 – 2009

Computer Engineer

Teradata University, San Diego, California

2018

Spark Advanced (1.6 & 2)

Teradata University, San Diego, California

2018

Spark Basics (1.6 & 2)

TCS, Santiago, Chile

2016

"Big Data and Hadoop Ecosystem"

Pontificia Universidad Católica de Chile, Santiago, Chile

2013

"Herramientas para el Diseño de Gestión de proyectos."

Microsoft, Santiago, Chile

2011

Microsoft Certification 70-452.

Designing a Business

Intelligence Infrastructure Using Microsoft SQL Server 2008

Microsoft, Santiago, Chile

2010

Microsoft Certification 70-448.

Microsoft SQL Server 2008,

Business Intelligence Development and Maintenance