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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 and Snowflake.

Summary of Qualifications

Proficient In:

- | | | | |
|--------------------------------------|--|------------------|---------------------------------------|
| • Python (Lambda, Data structures) | • Redshift, S3, EMR, EC2, Lambdas, Dynamo) | • SQL | • RDBMS (postgres, SQL Server, MySQL) |
| • Snowflake | • Apache Hadoop | • Unix Scripting | • Data Warehousing |
| • Apache Spark (Batch and Stream) | • Apache Hive | • HDFS | • agile methodologies |
| • AWS (Glue, Step functions, Athena, | • Apache Airflow and Oozie | • KSQLDB | • Microservices (FastAPI) |
| | • Apache Kafka | • Docker | |
| | • Git (Gitflow) | • Databricks | |
| | | • Airflow | |
| | | • Keboola | |
| | | • Airbyte | |
| | | • MongoDB | |

Languages

Spanish native and advanced English

Career History

Contractor Modality (different projects and clients)

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)

2022 – 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

2019 – 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

2017 – 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

2016 – 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

2016– 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

2015– 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

2009– 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