

ALEXANDER SCHILLING MIRANDA

Senior Data Engineer | Azure Databricks | PySpark | SQL

contacto@alexanderschilling.cl | Santiago, Chile

[LinkedIn](#) | [GitHub](#) | [Website](#)

PROFESSIONAL SUMMARY

Data and Software Engineer with 4+ years of experience across data engineering, backend development, and full stack software development. Specialized in the design, build, and evolution of ETL/ELT pipelines on Azure Databricks, Apache Spark, PySpark, Python, and SQL, with orchestration in Azure Data Factory and storage in Azure Data Lake Storage. Additional experience includes microservices with Java Spring Boot, REST/SOAP APIs, Kafka, Docker, and Kubernetes, as well as development with React, React Native, Angular, and Ruby on Rails. Profile oriented toward Data Engineer / Senior Data Engineer opportunities, with a growth path toward Tech Lead and a strong focus on solution design, automation, maintainability, and continuous improvement.

TECHNICAL STACK

- Data Engineering: Python, SQL, PySpark, Spark SQL, Apache Spark, Azure Databricks, Azure Data Factory, Azure Data Lake Storage, ETL/ELT, pipeline orchestration, and TXT, CSV, and Parquet file processing.
- Backend and APIs: Java, Spring Boot, hexagonal architecture, JUnit, Mockito, REST, SOAP, and Kafka.
- Cloud and DevOps: Azure, Docker, Kubernetes, Rancher, Jenkins, Linux, Git, Bitbucket, Jira, and Confluence.
- Full Stack: React, React Native, Next.js, Angular, Node.js, Ruby on Rails, and TypeScript.
- Databases and tools: PostgreSQL, MySQL, MariaDB, SQL Server, Oracle, MongoDB, Redis, and Elasticsearch.

EXPERIENCE

Cencosud Scotiabank | Santiago, Chile

Senior Data Engineer

Dec 2024 - Present

- Design, development, and evolution of ETL/ELT solutions in Azure Databricks using Apache Spark SQL, Python, and PySpark.
- Input and output processing of structured TXT, CSV, and Parquet files, prioritizing performance, optimization, and maintainability.
- Integration of workflows with Azure Data Factory and Azure Data Lake Storage, plus automation and modernization of manual or legacy processes.

Data Engineer (through ACL Tecnología)

Jun 2023 - Nov 2024

- Development and integration of ETL processes in the Azure ecosystem, working with Azure Data Factory, Apache Spark, and Databricks.
- Ingestion and transformation of TXT, CSV, and Parquet files, strengthening operational robustness and reducing manual processes.

Semi Senior Microservices Developer (through ACL Tecnología)

Apr 2023 - Jun 2023

- Microservices development with Java Spring Boot and hexagonal architecture.
- Implementation of unit and integration tests with JUnit and Mockito.
- Creation of REST APIs, consumption of REST/SOAP web services, and development of Kafka producer/consumer adapters.
- Deployments to Kubernetes clusters using Docker and Rancher, working under Scrum with Jira, Confluence, and Bitbucket.

ACL Tecnología | Santiago, Chile

Trainee Developer - Young Professionals Program

Jan 2023 - Mar 2023

- Young Professionals Program, providing services as a Junior Microservices Developer for Cencosud Administradora de Tarjetas.

Intern Developer - Young Professionals Program

Oct 2022 - Dec 2022

- Hands-on training in object-oriented programming, frontend, backend, non-relational databases, soft skills, and weekly technical presentations.

Nutrialus | Santiago, Chile

Full Stack Software Developer

Apr 2021 - Sep 2022

- Led the development of a mobile application for nutritionists and patients using React Native + Expo.
- Development of features for a web application with a Ruby on Rails backend and React frontend, integrating PostgreSQL, Elasticsearch, and Redis.
- End-to-end product participation, covering interface, business logic, and data integration.

eCmat | Santiago, Chile

Frontend Developer

Oct 2021 - Feb 2022

- Development of frontend features in Angular for a web application in the construction industry.
- Web scraping with Selenium and Python.

EDUCATION

Computer Engineering | Universidad Tecnológica de Chile INACAP | 2021 - 2022

Programmer Analyst | INACAP | 2019 - 2021

CERTIFICATIONS AND LANGUAGES

- Microsoft Certified: Azure Fundamentals | 2024
- EF SET English Certificate 80/100 (C2 Proficient) | 2023
- Native Spanish | English C2

NOTE

Public website version. Phone number, personal references, and other sensitive information were intentionally omitted.