

ZACHARY HERNÁNDEZ

DATA ENGINEER

CONTACT INFORMATION

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TECHNICAL SKILLS

Power BI / Tableau

Python / C# / Java / JavaScript

Advanced Excel (Power Pivot, VBA, Macros)

SQL / T-SQL, MySQL, MongoDB, Postgres.

Azure Synapse, Data Factory, Databricks, AWS.

ETL tools - Strong Hands-on Python experience, PySpark, Airflow, Databricks.

CI CD (DevOps, Github Actions, Gitlab)

Data modelling, Query Optimization, Airflow.

SCRUM Framework / DevOps

Spring Boot, REST APIs.

Linux.

ASP .Net

KEY INTERPERSONAL SKILLS

- Leadership skills (communication, creativity, positivity, resilience).
- Proactive team player.
- Organization problem-solving.
- Attention to detail and fast learner.
- Ability to handle pressure and meet deadlines.

Data Engineer with +4 years of technical and leadership experience in delivering pipelines, architectures and data related projects to impact the business intelligence goals. Advanced analytics tools: Azure Synapse, Azure Data Warehouse, Data Factory, PySpark, Databricks, Snowflake, Power Query M, Power BI (M) and strong programming skills with Java, C#, Python, C++, Javascript. Used for extensive ETL and Data Architecture Pipelines. Handled complex requirements with outstanding proven results.

EXPERIENCE

Data Engineer

Ensitech | 2024 - Present

- Maintenance of databases using SQL Server, Azure Synapse, Power BI datasets, Fabric.
- Database optimization through advanced methodologies such as: Partitioning, indexing, bottle neck analysis, etc.
- Tools such as: Tabular Editor, Dax Studio, SQL Server, EDLP, ADLS, Logic Apps, RESTful API integration, Databricks.

Data Engineer

Accenture | 2023

- Creation of Data Pipeline using Azure Synapse, Databricks, Data Factory for Revenue reports of over 100 million rows. Big Data. SQL, ADLS, EDLP, T-SQL.
- Typescript, CSS, DAX. Strong proficiency in M.
- Data architectures in Snowflake.

Social Media Data Engineer

Accenture | 2022

- Creation of Data Architecture for marketing campaigns and analytics. Used tools such as CI CD Pipelines, github, DevOps, Python for notebooks (ETIs with pandas, Apache Spark, Airflow, Databricks).
- Power BI, advanced Excel. Visualization story telling.
- Azure Synapse.
- Python Spark, pandas, numpy, FlaskAPI for API integration, selenium for automation.

Business Intelligence Developer

AgileThought | 2021

- Create Business Intelligence solutions via Power BI, Tableau and Alteryx based on Scrum & Agile approaches for Walmart Central America in order to improve company's performance via proposed action plans and projects.
- SQL, DBeaver, Dremio, Teradata, Data Lake. Python, Databricks, Power BI.

Business Analyst

Infotree Global Solutions - P&G | 2019 - 2020

- Design and build ETL Processes, scalable data pipelines with Azure Synapse and SQL Scripting using best practices for modeling Relational Databases.
- Elaborate plans, goals, and visions with Agile Scrum Methodologies.
- Coordinate, and enhance Power BI reports and datasets, creation of Data Visualization that matches Business needs.

EDUCATION

Computer Science

Cenfotec University | 2021 - 2026

Finances, Soft Skills, English

BYU PathwayConnect | 2021 - 2022

Business Analysis, Power BI, SQL Server, SQL, SSAS

PLURALSIGHT COURSES | 2021

English Language

C1 (CEFR - COMMON EUROPEAN FRAMEWORK OF REFERENCE FOR LANGUAGES)