

Contact

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(LinkedIn)

Top Skills

Azure Databricks
Azure Data Factory
Databricks

Certifications

Python Data Analytics
Big Data Fundamentals
Databricks Certified Data Engineer
Professional
Microsoft Certified: Fabric Analytics
Engineer Associate
Databricks Lakehouse
Fundamentals

Vinicius Speck

Data Engineer | Databricks Certified | Azure Certified | AWS |
Snowflake
Joinville, Santa Catarina, Brazil

Summary

About Me

As a Data Engineer with 4 years in the field and a B.Sc. in Software Engineering, I bring a blend of technical expertise, adaptability, and strong soft skills to every project. With a passion for problem-solving and a commitment to delivering impactful solutions, I thrive in dynamic environments where innovation and collaboration intersect. My journey in data engineering has honed not only my proficiency in various data tools, but also my ability to effectively communicate complex concepts, adapt to evolving technologies, and drive projects from conception to execution. I approach each challenge with a growth mindset, continuously seeking new opportunities to learn and innovate while ensuring that every solution aligns with the broader strategic objectives of the organization.

Core Competencies

Hard Skills:

Data Engineering: Python, Spark, SQL
Cloud Architecture: Azure, AWS, GCP
Cloud Lakehouses: Databricks, Snowflake
ETL and Orchestration: PDI, Hop, Airflow
BI Management: Looker, Qlik, PowerBI
Data Governance: OpenMetadata
Data Ingestion and Integration
Modern Data Stack and Ops Architectures
Data Quality and Observability

Soft Skills:

Communication;

Problem-Solving;
Critical and Analytical Thinking;
Organization;
Adaptability;
Teamwork;
Emotional Intelligence;
Writing;
Empathy;
Planning;
Ethics.

Certifications

Databricks Certified Data Engineer Professional
Microsoft Azure Certified: Fabric Analytics Engineer Associate
Databricks Lakehouse Fundamentals Certified

Portfolio Project

<https://github.com/ViniSpeck/DataPlatform>

Languages

Portuguese: Native
English: C2
German: B1
Spanish: B2

Experience

Target Data Experience | Data Analytics
Data Engineer
September 2023 - Present (11 months)
Joinville, Santa Catarina, Brazil

Overseeing projects spanning across dynamic industries including energy, agriculture, manufacturing, transportation, logistics and concessions.

Spearheaded initiatives leveraging modern technologies and architectures, including Apache Airflow, Azure Synapse Analytics, Data Factory, Apache Hop, and Databricks, to optimize operational efficiency and drive business growth, aligning project objectives with organizational goals and budget constraints.

Lead the development and implementation of innovative data products, prioritizing cost-effectiveness, value generation, scalability and reusability.

Collaborated closely with cross-functional teams and stakeholders to ensure seamless project execution and alignment with strategic business objectives

Grupo CCR

Data Engineer

February 2024 - Present (6 months)

Full-time Data Engineer (through Target Data Experience), working with Azure Databricks to support various projects.

Led projects from conception to release, including architectural planning, implementation, and client communication.

Designed, built, and maintained scalable data pipelines utilizing Databricks and the Azure cloud stack.

Contributed to the architecture and infrastructure of the Data Lakehouse, ensuring a high-performance environment to support decision-making processes.

Implemented best practices and data governance processes, including observability, quality assurance, data lineage, and compliance with LGPD/GDPR regulations.

Managed code versioning with Azure DevOps and adhered to software engineering best practices, including continuous integration/continuous deployment (CI/CD) and containerization.

Bevap Bioenergia

Data Engineer

October 2023 - March 2024 (6 months)

Data Engineering Consultant (through Target Data Experience), implementing and working with an open source data stack to support BI initiatives.

Led projects from conception to release, including architectural planning, implementation, and client communication.

Designed, built, and maintained scalable data pipelines utilizing an open source, on-premises, low budget data stack.

Contributed to the architecture and infrastructure of the Data Warehouse, ensuring a high-performance environment to support decision-making processes.

Implemented best practices and data governance processes, including observability, quality assurance, data lineage, and compliance with LGPD/ GDPR regulations, using OpenMetadata as cataloging solution.

Managed code versioning with GitHub and adhered to software engineering best practices, including continuous integration/continuous deployment (CI/ CD) and containerization.

Eucatex

Data Engineer

September 2023 - February 2024 (6 months)

Data Engineering Consultant (through Target Data Experience), working with Azure Synapse Analytics to support BI initiatives.

Designed, built, and maintained scalable data pipelines utilizing Azure Synapse Analytics.

Contributed to the architecture and infrastructure of the Data Warehouse, ensuring a high-performance environment to support decision-making processes.

minu.co

Data Engineer

March 2022 - October 2023 (1 year 8 months)

São Paulo, Brazil

Designed, built, and maintained scalable data pipelines using PySpark and the AWS cloud stack.

Contributed to the architecture and infrastructure of the Data Warehouse (Snowflake), ensuring a high-performance environment to support decision-making processes.

Implemented best practices and data governance processes, including observability, quality assurance, data lineage, and GDPR compliance, utilizing tools such as OpenMetadata and Great Expectations.

Established robust data monitoring processes to ensure data quality and availability.

Managed code versioning with GitHub, maintaining organized and accessible code repositories.

Applied industry best practices in software engineering, including continuous integration/continuous deployment (CI/CD) and containerization.

Martinelli Advogados

Data Engineer

March 2021 - March 2022 (1 year 1 month)

Joinville, Santa Catarina, Brasil

Collaborated within a cross-functional team to support business users through data analytics and engineering initiatives.

Developed an integration from scratch for corporate systems (ERP, CRM, spreadsheets) to automate data pipelines, store data in a Data Warehouse, and make it available for BI tools.

Managed and coordinated various projects, ensuring timely delivery and alignment with business objectives.

Utilized GitHub for version control, maintaining organized and accessible code repositories.

Applied industry best practices in software engineering, including continuous integration/continuous deployment (CI/CD) and containerization.

FM Serviços Administrativos

Information Technology Intern

February 2018 - March 2021 (3 years 2 months)

Joinville, Santa Catarina, Brasil

Created balance sheets;

Managed bank payments and cybersecurity;

Initiated the IT department and software engineering initiatives;

Automated financial auditing processes with Excel;

Created and maintained an app for driving license fees' payment;

Used Flask, Jinja, SQLAlchemy and related technologies for the development process;

Versioned code with Git;

Used software engineering best practices, such as CI/CD and Containerization.

Education

Católica de Santa Catarina - Centro Universitário

Bachelor of Engineering - BE, Computer Software Engineering · (2019 - 2023)