# DANIEL **PALMA**

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## Experience

**Lead Data Engineer** *2022 – Present*

BROOKLYN DATA CO.

- I provide expert guidance to clients on the design and implementation of scalable and maintainable data-driven solutions.
- Worked on building a high-performance, self-service, streaming data platform for a leading sports betting company.
- Constructed end-to-end user behaviour and product analytics data platforms for multiple clients.
- Architected and built a greenfield data platform for a HealthTech startup, with data at the core of the product.
- Established the foundation for data analytics engineering culture at various small to medium-sized companies through training.

**Senior Data Engineer** *2021 – 2022*

ALIZ

- Implemented a comprehensive Data Warehouse solution, including CDC integrations, a Data Lake, and a BI dashboard.
- Contributed to the development of a fully integrated Data Warehouse and Machine Learning recommendation system.
- Conducted training sessions on a range of software engineering and data engineering topics, as well as Google Cloud services, for internal and external stakeholders.
- Took part in the development of a self-serving Software-as-a-Service solution to streamline common infrastructure patterns and improve operational efficiency.

**Lead Data Engineer** *2019 – 2020*

SYNETIQ

- Proactively gathered and analyzed customer feedback to inform product strategy and roadmap.
- Managed technical requirements and budget planning for a multinational expansion.
- Developed technical strategy and led the implementation of enterprise-level software solutions.
- Provided technical mentorship and guidance to junior engineers, fostering a positive and inclusive team culture.
- Continuously assessed and optimized engineering processes and systems to drive efficiency and innovation.

**Data Engineer** *2016 – 2019*

SYNETIQ

- Designed and implemented data extraction, cleansing, aggregation and visualization solutions for biometric sensors including EEG, PPG, and eye tracking cameras.
- Migrated web services to a highly scalable, cloud-based container infrastructure using Kubernetes.
- Established fully automated continuous integration and deployment pipelines to support cloud native operations.
- Architected and deployed a B2B data visualization dashboard platform with end-to-end capabilities.
- Conducted user research and gathered insights through customer interviews and feedback.

**Software Engineer** *2015 – 2016*

TELENOR

- Developed procedures for efficient extraction, transformation, and loading of telecommunication device configuration data.
- Created a web-based application to visualize time-series and geolocation data.
- Developed a web-based reporting and monitoring tool, driven by data analytics.
- Implemented automated stored procedures and ETL processes to streamline data management.

## Skills

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| **Data Management:** | Snowflake, BigQuery, Redshift, DuckDB, Databricks, SQL, Data Lakes |
| **Cloud Infrastructure and DevOps:** | GCP, AWS, Terraform, Docker, Kubernetes, CI/CD, GNU/Linux |
| **Streaming Data:** | Kafka, Flink, Redpanda, CDC (Debezium), Kinesis, Event-driven architectures |
| **Data Engineering:** | dbt, Airflow, Prefect, Dagster, Fivetran, Meltano, Spark, ETL/ELT |
| **Programming:** | Python, Go, Java, Shell Scripting |

## Education

**Eötvös Lóránd University** *Budapest, Hungary*

BSc IN COMPUTER SCIENCE *2014 – 2018*