

# DANIEL PALMA

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## Experience

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### Senior Data Engineer

Mar 2022 – Present

BROOKLYN DATA CO.

- At BDC, I provide expert guidance to clients on the design and implementation of scalable and maintainable data-driven solutions.
- Architected and delivered a high-performance streaming data platform for a leading sports betting company.
- Constructed a user tracking data ingestion pipeline for a crisis support non-profit organization.
- Developed an end-to-end product and ad analytics platform for various small to medium businesses.
- Established the foundation for data analytics engineering at various small to medium-sized companies.

### Senior Data Engineer

Jan 2021 – Mar 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.

### Engineering Lead

Jan 2019 – Jan 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.
- Partnered with cross-functional teams such as product, design and business stakeholders to align on project goals and delivery.

### Data Engineer

Oct 2016 – Jan 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.
- Organized, managed and improved Scrum processes and meetings to ensure project success.

### Software Engineer

Apr 2015 – Oct 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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|-----------------------------------|---------------------------------------------------------------------------------|
| <b>Data Management:</b>           | Snowflake, BigQuery, Redshift, SQL, DuckDB, Databricks, SQL, Data Lakes, Looker |
| <b>Streaming Data:</b>            | Kafka, Flink, Redpanda, Debezium, CDC, Materialize                              |
| <b>Data Engineering:</b>          | dbt, Airflow, Dagster, Fivetran, Meltano                                        |
| <b>Programming Languages:</b>     | Python, Go, Shell Scripting                                                     |
| <b>Infrastructure Automation:</b> | GCP, AWS, Terraform, Docker, Kubernetes, CI/CD, GNU/Linux                       |

## Education

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