# GEORGIOS (GEORGE) ZEFKILIS

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Enthusiastic, hard working professional with a can-do attitude, entrepreneurial spirit, solid background in engineering and strong interest in Data and Software Engineering. Social and cheerful person, eager to adapt in new situations and environments. Committed to create a more sustainable society.

## PROFESSIONAL EXPERIENCE

### Software/Data Engineer
**Novo Nordisk Digital Data / IT**

📅 Oct 2024–Present    📍 Copenhagen, Denmark

- Co-developed a proof-of-concept (PoC) platform with Microsoft engineers, establishing a Unified Namespace for local and enterprise-wide data accessibility. Enabled rapid edge application deployment using CI/CD best practices. Tech Stack: Azure Arc, Azure IoT, Kubernetes, Docker, Kafka, Bicep (IaC), Bash, Python.

### Software/Data Engineer
**Danfoss, Alsense IoT Food Retail Services**

📅 Sep 2022–Sep 2024    📍 Copenhagen, Denmark

- Develop, build, and maintain batch and streaming pipelines to enhance analytics and ML projects. Stack: TypeScript, Python, SQL, Kafka, Docker, Mage/ADF
- Led the introduction and implementation of tools, that optimised the development and orchestration of data pipelines enhancing efficiency and standardizing workflows across projects. Stack: Python, Mage, Docker, K8S
- Led the adoption of test-driven development (TDD), integrating comprehensive tests into existing projects, which strengthened service robustness and reduced bug resolution times. Stack: Jest, Pytest, Docker
- Led initiatives to evaluate OLAP and Data Lakehouse solutions to identify the best fit for our analytics platform. Stack: ClickHouse, Synapse, Databricks
- Implemented a monorepo to enhance version control, testing, and deployment of database changes, reducing workflow inefficiencies and deployment errors. Stack: TypeScript, Lerna/Yarn, Docker

### Data Scientist (Student Assistant)
**Danfoss, Alsense IoT Food Retail Services**

📅 Jun 2021–Aug 2022    📍 Copenhagen, Denmark

- Performed data analysis using Python to define potential new business cases for Danfoss's customers (eg. Time series analysis, Anomaly detection)
- Developed dashboards and automated reports in PowerBI
- Supported on developing and maintenance of machine learning pipelines using Azure DevOps & Azure Machine Learning

## EDUCATION

### M.Sc. Human Centered Artificial Intelligence
**Technical University of Denmark**

📅 Feb 2020–Aug 2022 📍 Copenhagen,Denmark

*Major:* **Data Science/Big Data**

### M.Sc. in Environmental Engineering
**Technical University of Denmark**

📅 Sep 2015 – Jul 2017 📍 Copenhagen,Denmark

*Major:* **Residual Resources Engineering**

### B.Sc. in Civil Engineering
**Technological Educational Institute of Crete**

📅 Sep 2007–Jun 2012 📍 Heraklion,Greece

*Major:* **Environmental technology & management**

## CERTIFICATES

- 📅 **PostgreSQL Bootcamp - Udemy, Mar 2022**
- 📅 **PRINCE2 Foundation Certificate in Project Management - AXELOS Global Best Practice, Jun 2019**

## IT SKILLS

Python | TypeScript | SQL | Tableau | PowerBI | Pyspark | Azure Data Factory | Azure DevOps | Kafka | Docker | Kubernetes

## LANGUAGES

**Danish** ●●●●○○
**English** ●●●●●●
**Greek** ●●●●●●

## PERSONAL INTERESTS

Calisthenics | Reading | Programming | Psychology