Georgios (George) Zefkilis

Copenhagen, DK

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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.

Experience

Novo Nordisk, Digital Data & IT   **Oct. 2024 – Present**
Software/Data Engineer   *Copenhagen, Denmark*

- Collaborated with Microsoft engineers to co-develop a proof-of-concept (PoC) platform, creating a Unified Namespace that streamlined data accessibility across manufacturing and enterprise levels. This initiative enabled rapid deployment of edge applications using CI/CD pipelines, reducing development cycles and improving scalability. Tech Stack: Azure Arc, Azure IoT, Kubernetes, Docker, Kafka, Bicep (IaC), Bash, Python.

Danfoss, Alsense IoT Food Retail Services   **June 2021 – Sep. 2024**
Software/Data Engineer   *Copenhagen, Denmark*

- Led the introduction and implementation of tools, that optimised the development and orchestration of data pipelines enhancing efficiency and standardizing workflows across projects. Stack: 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
- Implemented a monorepo to enhance version control, testing, and deployment of database changes, reducing workflow inefficiencies and deployment errors. Stack: TypeScript, Lerna/Yarn, Docker
- Led initiatives to evaluate OLAP and Data Lakehouse solutions to identify the best fit for our analytics platform. Stack: ClickHouse, Synapse, Databricks
- Develop, build, and maintain ETL and streaming pipelines to enhance analytics and ML projects. Stack: TypeScript, Python, SQL, Kafka, Docker, Mage/ADF

Education

Technical University of Denmark   **Feb. 2020 – Aug. 2022**
M.Sc. Human Centered Artificial Intelligence   *Copenhagen, Denmark*

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

Technical University of Denmark   **Sep. 2015 – June 2017**
M.Sc. in Environmental Engineering   *Copenhagen, Denmark*

- *Major:* **Residual Resources Engineering**

Technological Educational Institute of Crete   **Feb. 2020 – Aug. 2022**
B.Sc. in Civil Engineering   *Heraklion,Greece*

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

Technical Skills

Programming & Scripting: Python, SQL, TypeScript
Cloud Platforms: Azure
DevOps tools: Docker, Kubernetes (K8s), ArgoCD
Data Engineering: Kafka, Mage, Spark/PySpark, Polars
Testing Frameworks: Jest, Pytest
Databases: PostgreSQL, StarRocks
Others: Git, Bash

Certificates

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

Interests

Calisthenics, Reading, Programming, Psychology