

Photon Energy Group is a group of companies with a shared mission: making clean energy, clean water and clean environments accessible to everyone.

Photon Energy provides comprehensive solutions that support the generation of clean energy and the integration of renewables into the electrical grid. **Photon Water** offers water treatment and management solutions, and **Photon Remediation** deploys advanced technology to remove contamination from all environments.

A publicly traded company operating in over 15 countries across two continents, we combine a global outlook with localised expertise.

Since our founding in 2008, we've expanded to a team of more than 400 employees around the world. And we're committed to fostering a culture of shared values and sense of purpose as we continue to grow.

For more information, please visit photonenergy.com.

Data Engineer

Are you a skilled **Data Engineer** looking to make a real impact? Join our **IT team** as we build cutting-edge data pipelines and integrate diverse financial and production data sources. Help us optimise workflows and enhance analytics — let's shape the future of data together.

Key Responsibilities

- ▶ **Design and develop data pipelines.** Architect, build and maintain scalable and reliable data pipelines to process and transform large volumes of structured and unstructured data
- ▶ **Integrate diverse data sources,** including databases, APIs, cloud services, and third-party platforms to create a seamless and unified data ecosystem
- ▶ **Design, implement, and optimise database systems** (SQL, NoSQL) for efficient data storage, retrieval, and management
- ▶ **Leverage data warehouse technologies** to optimise storage and retrieval, enhancing reporting and analytics capabilities
- ▶ **Ensure data integrity** through quality checks, validation procedures and monitoring systems, maintaining accuracy and consistency across all data processes
- ▶ **Optimise performance** by continuously refining data pipelines, queries, and workflows to enhance efficiency and reduce processing times
- ▶ **Leverage cloud platforms** (such as AWS, Google Cloud, Azure) to build scalable, cost-effective storage and data processing solutions that support dynamic business needs
- ▶ **Automate repetitive tasks** and workflows to increase operational efficiency and reduce manual intervention

- ▶ **Document processes and systems** comprehensively to ensure seamless data pipeline management and troubleshooting

Qualifications and Experience

- ▶ **5+ years of experience** in data engineering or relevant roles
- ▶ **Czech** and **English** at a communicative level
- ▶ Proficiency in **Python** – writing modular, testable and production-grade code
- ▶ Advanced in **SQL** – performance tuning, complex joins, window functions and CTEs
- ▶ Experience with designing scalable data models for analytics and operational use cases
- ▶ Experience with industry-leading tools like **ADF** Airflow, dbt, Luigi, and Prefect
- ▶ Knowledge of cloud data platforms (**Azure**, AWS, GCP)
- ▶ Familiarity with CI/CD and containerization tools (**Docker**, **Kubernetes**, GitOps practices)
- ▶ Strong knowledge of distributed processing frameworks (Spark, Kafka, Flink, Beam)
- ▶ Strong communication skills – ability to effectively communicate complex system designs to non-technical stakeholders

Our Offer

- ▶ Work in a fast-growing, international public company operating in the field of renewable energy
- ▶ Stable and dynamically growing industry globally
- ▶ Possibility of an immediate start and employment contract on indefinite period
- ▶ 5 weeks of paid holiday
- ▶ 3 sick days and 1 CSR day for voluntary and socially important activities
- ▶ Meal contribution from employer
- ▶ MultiSport card, after probation period
- ▶ Teambuilding and corporate events
- ▶ Flexible working hours and occasional home office
- ▶ Fresh Mondays (fresh fruits & pastry)
- ▶ Referral bonus (10 000 CZK for a recommended employee)
- ▶ Employee mobile plan available for personal use (whether transferring your own number or using a company number), along with access to a special family tariff
- ▶ Language courses and professional development training

- ▶ Participation in an Employee Share Purchase Program after the first year of employment (company shares a personal brokerage account as a bonus to your monthly salary)

If you are interested in the position and fulfil the above requirements, please apply online or send your CV to careers@photonenergy.com.

Working location:	Prague, Czech Republic
Type of employment:	Employee
Type of contract:	Full time
Length of contract:	Indefinite with trial period of 3 months
Required languages:	Czech (fluent) and English (B2+)