

## Senior Platform Engineer

We're expanding our team at Copenhagen Energy Trading to develop a scalable data platform to support data-driven decision-making throughout our entire value chain. We are seeking seasoned platform engineers with broad expertise and proven experience in making critical technological choices, designing, and implementing data stores and pipelines, and producing high-quality software with a keen focus on delivering value.

If this aligns with your skills and interests, and you're drawn to working for a company with a business model guided by the energy transition, then apply for this exciting opportunity at Copenhagen Energy Trading, a young and fast-growing energy trading company.

### About The Role

As our Senior Platform Engineer, you'll be one of the core engineers within the team responsible for designing, building, and maintaining the critical infrastructure and platform services powering our analytics and many of our business functions.

An integral part of the role encompasses creating new and improving existing software-based solutions, as well as optimizing the infrastructure supporting these solutions, such as our Kubernetes clusters and databases. As our organization continues to expand, maintaining a consistent, maintainable, and flexible platform foundation is vital, and your expertise will be instrumental in achieving this goal.

What is especially intriguing about this role is that you will experience that your contribution will have an immediate impact on how we break down the complexity of energy markets and optimize the operational decision-making. You will be seated close to your trading colleagues, which makes it easy to collaborate and share new ideas on how we can make our solutions even better. Additionally, as a senior engineer, you'll guide and mentor other talented engineers within the team.

The position will be based at our headquarters located in the district of Carlsberg City in central Copenhagen.

### Responsibilities

- **Architecture and Software:** Architect and implement scalable, reliable, and efficient platform solutions, including data pipelines for ingesting and transforming data. Set and follow software best practices to influence the way we build, document, review and test our software using Python. We are a Python house.
- **Infrastructure & Cloud:** Play a pivotal role in enhancing our platform infrastructure spanning the entire data lifecycle from ingestion and data transformation to machine-learning model management and reporting. We are cloud-native and run on Azure. You and the team are responsible for developing and securing our cloud infrastructure.
- **Automation & DevOps:** Automate processes and optimize DevOps practices to streamline development and deployment environments.
- **Security and Compliance:** Ensure security, performance, and compliance standards in everything we do.
- **Containerization:** Leverage containerization for deploying our applications, while ensuring the reliability and security of the containerized applications throughout their lifecycle.

- **Analysis:** Conduct various ad hoc analyses to assist in decision-making processes. Often, this will involve running proof-of-concept experiments on new technologies and tools to enhance the platform's capabilities.
- **Support:** Participate in on-call rotations for platform support and maintenance, assisting in troubleshooting platform-related issues, and occasionally addressing other technology-related concerns within the company.
- **Leadership & Mentorship:** Take ownership of the platform solutions and ensure alignment with business goals. Provide technical guidance and mentorship to junior engineers contributing to the growth and development of the team.

### Qualifications and Experience

- **Education:** A master's or bachelor's degree with a strong technological basis, e.g., Computer Science, Physics, Mathematics, or other relevant fields.
- **Software Development Experience:** Proven proficiency in crafting Python software solutions that are not only functional but also production-ready. Your experience should encompass managing challenges related to scalability, performance, and reliability, ideally including work on early-stage software projects.
- **Python Proficiency:** A strong command of Python programming language is a must. Event loops, context managers, type-hints and generators are all parts of your vocabulary.
- **DevOps and Deployment:** Experience with CI/CD pipelines, containerization (Docker), and orchestration (Kubernetes) is advantageous. You should be comfortable deploying applications to cloud platforms like AWS or Azure. Big plus, if you have experience in achieving parity between production, staging and dev.
- **Database Skills:** Experience with database design, development, and optimization, preferably with PostgreSQL.
- **Communication Skills:** Excellent problem-solving and communication skills with full professional proficiency in English.
- **Electricity markets:** A genuine interest in learning about electricity markets.
- **Technology-enthusiast:** A strong enthusiasm for staying up to date with emerging technologies is like icing on the cake.

### What We Offer

At Copenhagen Energy, we're committed to fostering a dynamic and inclusive work environment where your talents and contributions are recognized and valued. When you join our team, you'll benefit from:

- **Exceptional Team:** Join a team of professional and highly ambitious colleagues who continuously set the bar high, pushing the boundaries of what's possible in the energy trading market.
- **Thrilling growth environment:** Be a part of a young and rapidly growing company with an authentic start-up atmosphere. Here, your innovative ideas will be celebrated, and your contributions will be recognized.
- **Impact:** Be part of a visionary organization driving positive change in the energy sector, and impact how we become more technology-driven as an organization.
- **Attractive compensation:** Receive a competitive salary package with benefits.
- **Flexible Work Arrangements:** We value work-life balance and offer the freedom to work from the comfort of your own home.

- **Social and Professional Events:** Enjoy a well-rounded work experience with various social and professional events, including sports activities and parties, fostering a strong team spirit and camaraderie.

### **About Us**

Copenhagen Energy Trading A/S was founded in 2021 and is part of Copenhagen Energy Group.

We specialize in short-term proprietary wholesale power trading in Europe. We work with modern technologies, and we have the best people working with us. Data and advanced analytics fuel our deep insights into the electricity markets and enable us to develop discretionary as well as system-based trading strategies that move power to where it is needed the most.

Since we believe in a culture of collaborative growth, we do not have a system of bureaucratic policies or rigid hierarchy. We support a strong sense of team spirit, surrounded by a like-minded team and an easy-going work culture.

### **Next steps**

All applicants are welcome. At Copenhagen Energy Trading we believe that diversity, equality, and inclusion are fundamental in the creation of an inspirational workplace that enables us to be innovative and creative. For more information you are welcome to contact Jens Christian Johannsen [jcj@copenhagen-energy.com](mailto:jcj@copenhagen-energy.com).