

The Company

Aurora Energy Research is a dynamic and fast-growing energy analytics company. We provide optimisation solutions and data-driven analytics on European and global energy markets that helps our clients navigate the global energy transformation.

Founded in 2013 by a group of University of Oxford academics on the premise that technological progress, and policies tackling climate change, render energy markets increasingly complex, but that this complexity yields to rigorous, sophisticated analysis and modelling.

Aurora is now a thriving, rapidly growing company of over 120 staff with offices in Oxford, Berlin and Sydney. Demand for our services – spanning subscription research, consultancy and software – is immense, in the UK and abroad. We currently serve over 200 of Europe's most influential energy sector participants, and we expect to grow beyond 150 staff over the next 18 months.

Software Engineer (Oxford, UK)

Based in Oxford, you will work as part of an experienced Software Development team building highly innovative cloud-based software solutions for our clients and internal users, using cutting edge development practices (e.g. Microservices, Continuous Delivery, DevOps). The successful applicant will combine exceptional problem solving and technical capability with a passion to deliver great solutions for our users.

The successful candidate will work in a creative, intellectually stimulating, and demanding yet supportive environment. You will enjoy autonomy, and the opportunity to develop solutions that could influence major decisions in the energy sector. The innovative nature of the role will give significant opportunity to broaden and deepen your skill set using a range of technologies on some significant and challenging problems.

Key Responsibilities:

- Design, develop, test and operate the new generation of Aurora's software-as-a-service solutions.
- Work closely with end users (internal and external) to innovate highly effective solutions.
- Contribute to continuously improving how the Software Team works.

Attributes you are likely to possess:

- At least a BSc degree in computer science (or a similar technical field), or equivalent practical experience
- Exceptional problem-solving skills
- Strong interpersonal skills, and a great team player
- Solid experience in developing complex software solutions in at least one OO language (e.g. Java, C#, Node/Typescript)
- Solid understanding of relational database design and querying concepts
- Experience of unit testing (highly desirable)
- Experience of AWS (highly desirable)

What we offer:

- Working as part of a fun, friendly and highly skilled team
- Work on a cutting-edge, constantly evolving technology stack, utilising a Microservices architecture and using AWS, Node, AWS Lambdas, Java, Python, React, AWS Redshift, MySQL, Jest
- An opportunity to influence the direction of a fast-growing area of the business.
- Intellectual challenge
- Competitive remuneration

The successful candidates would start as soon as possible. We will review applications as they are received.

Salary will be competitive and include a success-based bonus. To apply, please click on the following [link](#). Please submit a cover letter, your salary expectations and state your earliest possible start date.