Senior Software Engineer

Join our Software Development team in Oxford

About the role

Based in Oxford, you will work as part of a fun and highly experienced and growing Software Team building innovative cloud-based software solutions which power major decisions in the global energy transition.

As a Senior Software Engineer at Aurora, you will be responsible for turning product ideas that will shape the future of the global energy markets into a reality.

You would work at part of a team on a cutting-edge Microservices architecture and using TypeScript/Express/AWS Lambdas, Redshift, MySQL, MongoDB and Micro-frontends built on React. This will allow you to take responsibility for solutions from design to deployment. You will be working with processes and tooling that allow you to release changes to our customers multiple times per day.

The successful applicant will combine exceptional problem solving and technical capability with a passion to deliver great solutions for our users.

Key responsibilities

- Design, develop, test, and operate the new generation of Aurora's software-as-a-service solutions including playing a key role in designing and developing the user interface
- Work closely with end users (internal and external) to innovate highly effective solutions
- Play a defining role in continuously improving how the Software Team works

What we are looking for

Required attributes:

- 4+ years of Commercial experience in developing complex software solutions with some of the following Node/TypeScript, Express, Python, SQL, NoSQL, Cloud Infrastructure or similar.
- A proven track record for delivering great software and solving difficult technical problems.
- Experience building web-services/microservices
- The ability to technical lead a project for inception to completion
- Exceptional problem-solving skills
- Strong interpersonal skills, and a great team player

Desirable attributes:

- Experience of unit testing
- Experience of React

What we Offer

- A fun, informal, collaborative and international work culture
- Work on a cutting-edge, constantly evolving technology stack, utilising a Microservices architecture and using AWS, Node/TypeScript, AWS Lambdas, Python, AWS Redshift, MySQL, MongoDB, Jest
- A competitive salary package
- Access to regular coaching and mentoring sessions and the opportunity to learn from experienced professionals
- Access to the Aurora Academy, our training programme offering a range of opportunities to develop your skills within the responsibilities of your role and within the wider context of the industry.
- Access to our Employee Assistance Programme (EAP), offering a complete support network that offers expert advice and compassionate guidance 24/7/365, covering a wide range of personal and professional aspects

At Aurora we will consider all requests for flexible working. For most roles, the following types of flexibility are usually possible: a hybrid model of remote and in-office working and flexible start and finish times. Please talk to us during the interview about the flexibility we could offer and we will be happy to explore the best available option for you.

The Company is committed to the principle that no employee or job applicant shall receive unfavourable treatment on grounds of age, disability, gender reassignment, race, religion or belief, sex, sexual orientation, marriage or civil partnership, pregnancy and maternity.

The successful candidate would start as soon as possible. The team will review applications as they are received. Salary will be competitive with experience.

To apply, please submit your Résumé / CV, a personal summary, your salary expectations and please inform us of your notice period!

About us

From its academic roots, Aurora Energy Research is a thriving, rapidly growing company, currently serving over 600 of the world's most influential energy sector participants, including utilities, investors, and governments.

While we constantly strive to reach new markets and diversify our product portfolio, we are already active across the globe in Asia-Pacific, Latin America, Europe, and North America, working with leading organisations to provide comprehensive market intelligence, bespoke analytic and advisory services, and cutting-edge software.

We are a diverse team of experts with vast energy, financial, and consulting backgrounds, covering power, hydrogen, carbon, and fossil commodities. With this, we provide data-driven intelligence to fuel strategic decisions in the global energy transformation.