

Senior DevOps Engineer

When massive data meets AI, magic can happen. We are combining two of perhaps the most exciting technologies of this century to bring medicines to patients faster. DNA-encoded libraries meet artificial intelligence to transform how we discover and optimise molecules for preclinical drug discovery. By joining us, you get access to one of the largest, cleanest libraries for hit identification and you get a unique chance to explore how we build novel ML tools to mine our rich libraries.

If you are a mission-driven individual who wants to make an impact and who believes in data and AI, then this is for you!

X-Chem has a multi-disciplinary team of experts in AI and chemistry who want to make a difference by building the best tools and technologies to advance medicine discovery. Our team in London has some of the leaders in AI in biotech and is building the Data-powered AI-first platform for drug discovery.

We have exciting growth plans, and are looking for a skilled Senior DevOps Engineer to join us on our mission!

The Role:

Working alongside our machine learning, data scientists and engineers you'll help us build and scale our machine learning platform to support our clients.

Responsibilities:

- Design, develop, build, test, deploy and maintain continuous integration and continuous delivery
- Design, implement and maintain the top security standards
- Configuring, maintaining and developing cloud infrastructure (AWS)
- Deploy product updates, identify production issues and monitor performance
- Manage versioning and release processes across multiple systems and environments
- Work closely with internal developers and stakeholders on every step of building, testing and releasing our software products
- Automate testing, verification and quality assurance and develop necessary infrastructure and frameworks
- Maintain and extend the functionality of our CI and build infrastructure
- Identify, reproduce and, where possible, resolve bugs; and where not, ensure they are escalated appropriately
- Design procedures for system troubleshooting and maintenance

Required Skills:

- 3 years' experience with Docker containerization and clustering
- Deep knowledge of fundamental AWS building blocks (EC2, ECS, S3, RDS, IAM, VPC)
- Deep knowledge of cloud security configuration
- Python - Advanced level (async, OOP, unit tests, API, decorators ...)
- Strong understanding of the different aspects of software engineering

- Experience with databases and SQL
- Sound understanding of the practices involved in containerization e.g. using Docker
- Proficient with git and git workflows
- Experience working in a Linux environment with ease
- Confidently able to work independently and with minimal supervision
- Comfortable and passionate about in a dynamic and agile startup environment
- Problem-solving attitude
- Team spirit
- BSc in Computer Science, Engineering or relevant field
- Excellent communication skills

Nice to have:

- Experience in MLOps

We Offer:

- Talented, motivated and interesting co-workers.
- Intellectual challenge solving meaningful problems.
- We organise ourselves in groups of small teams and there is plenty of opportunity for a high degree of ownership over different areas of the product, and you will be directly exposed to all areas of the business.
- Your voice will always be heard. What you do or say counts.
- We are a cross-disciplinary team and come from all backgrounds and countries.
- Monthly social activities.
- Competitive salary and benefits.
- Flexibility around remote working.

We believe that diversity makes for innovative, exceptional teams. X-Chem is an equal opportunity employer, committed to addressing the diversity and inclusion problem in the tech industry. That starts with making sure we have a diverse team where everyone feels at home and can contribute as an equal.

Please apply with your CV to recruitment@glamorous.ai