



Senior DevOps Engineer

Optibrium is a growing technology company, dedicated to developing software to guide decisions involving complex, uncertain data in an intuitive way. Our primary product, StarDrop, is focused on the pharmaceutical industry, helping scientists to reduce the time and cost of designing better medicines.

As part of our exciting plans for future product enhancement and growth we are looking to recruit a senior DevOps engineer to work closely with our software development team and help them to streamline, deploy and operate our next-generation platform. You will join a team of scientists and software engineers, working at the forefront of machine/deep learning and molecular simulations applied to challenges in life sciences.

Main Responsibilities

- Identify and design software deployment strategies
- Work within the software development team to orchestrate and deploy new solutions
- Write scripts and automation using Python and at least one other language
- Configure and manage databases, in particular PostgreSQL
- Design and implement procedures for system troubleshooting and maintenance
- Assist in the support of our in-house computational R&D infrastructure

Experience and Skills

The ideal candidate will have the following experience and skills:

Essential

- 4+ years' experience as a DevOps engineer in a commercial product environment
- 3 years of experience in managing Linux-based infrastructure
- 3 year of experience in at least one scripting language
- 3 years of experience with databases including PostgreSQL
- Good knowledge of at least one cloud-based platform (AWS preferred)
- A good degree or equivalent in Computer Science or Engineering

Beneficial

- Cross platform solution deployment experience on Windows, Mac and Linux
- Experience with source code control such as git or svn
- Experience with automated builds environment such as Jenkins

Personal

- You are innovative, self-motivated, dependable and enjoy problem solving
- You possess effective communication skills and a 'can do' attitude
- Enjoy sharing technical knowhow and are happy to adopt a mentoring role where appropriate.

If you're interested in joining a growing, entrepreneurial team working in an exciting field, please apply with a CV and covering letter to vacancies@optibrium.com (unsolicited applications from agencies will not be accepted).

Background

Optibrium provides elegant software solutions for small molecule design, optimisation and data analysis. The company's lead product, StarDrop, is a comprehensive suite of integrated software with a highly visual and user-friendly interface. StarDrop enables a seamless flow from the latest data through to predictive modelling and decision-making regarding the next round of synthesis and research, improving the speed, efficiency, and productivity of the discovery process. Founded in 2009, Optibrium is headquartered in Cambridge, UK with offices in Boston, US. Optibrium continues to



develop new products and research novel technologies to improve the efficiency and productivity of the drug discovery process. Optibrium works closely with its broad range of customers and collaborators that include leading global pharma, agrochemical and flavouring companies, biotech and academic groups.