

Date

2021-21-06

Job locationLyon, Nova Headquarters
(partial remote possible)**Team**BU Scientific Software Engineering
& Marketing**Contract type**

Permanent contract



Role: DevOps Engineer

The company

NOVA specializes in numerical modeling and simulation of clinical trials for biotech and pharmaceutical companies, academic research centers and non-profit organizations.

We help our clients unleash the potential of combining math, computer science and biology to reduce the risks associated with R&D of new treatments for the benefit of patients.

Leveraging years of experience in in-silico modelling and the collaborative work of our team of biologists, doctors, clinicians, mathematicians and computer scientists we are currently building our Jinkō SaaS platform. Our vision is to make it the first integrated clinical trials simulation platform, combining powerful knowledge management, modeling and simulation tools dedicated to the medical research community.

Technology-wise Jinkō is based on a modern Cloud-based infrastructure (Kubernetes, Docker, Ansible/Pulumi, AWS, GitLab) and code stack (Haskell, NodeJS /Typescript, Vue.js) and it has been designed from the ground up with a modular approach where components are self-contained, stateless, and operate under strict adherence to the Separation of Concerns paradigm.

Your mission and main responsibilities

You are a junior DevOps Engineer or System Administrator with some experience in Cloud engineering. You'll participate in NOVA's DevOps daily-life: managing Cloud and on-prem infrastructure, participating in the growth of our DevOps approach, assisting both technical and non-technical teams with their needs and keeping all of it secure and stable. You'll be part of an experienced DevOps team who will accompany you to learn, train and master all aspects of DevOps.

Requirements and Qualifications

- You are curious about sciences, eager to continuously learn and use modern Cloud and DevOps related technologies.
- You have experience in software development. Having managed a full application lifecycle from development to production is a plus.

- You are eager to work with a team of innovation enthusiasts in various fields of expertise: beside DevOps experts, you will also work along with developers, biologists, data scientists and applied math engineers.
- You will be involved in the design and architecture decision process of a scientific SaaS platform and you will participate in the project daily life: code review, testing, knowledge sharing, teamwork...
- You have a grasp of IT security issues. You are curious or experienced about IT security processes, solutions and standards in a Cloud-based infrastructure.
- You will manage and operate a growing Cloud and on-premise infrastructure. You'll write Infrastructure as Code, implement CI/CD & deployment processes, automate redundant tasks, maintain existing frameworks, operate applications & infrastructures and ensure feedback is provided to concerned people.
- You will provide tools, methods, processes and assistance to other teams so as to make them autonomous in the management of their products and/or projects from Build to Production. ("you build it, you run it")

Technologies & Languages

We are looking for someone who knows or have some experience with:

- At least one development language
- Kubernetes (& Helm, Kustomize or such)
- Docker or other containerisation system
- Basic Linux administration
- Bash scripting
- Git

You are interested or are eager to learn/work with:

- AWS (EC2, CloudFormation, IAM, EKS...)
- Ansible, Pulumi or other Infra as Code tool
- GitLab CI
- Monitoring & Logging tools
- Nix
- Haskell / Typescript / NodeJS
- GraphQL / REST
- SQL (Postgres)

Contact:

recruitment@novadiscovery.com

Apply:

<https://www.novadiscovery.com/job-offers.html>

Location:

Lyon, France - partial remote possible