

ROLE: Full-Stack JS Developer

From	People Ops
To	--
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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 this platform is based on a modern stack (Haskell, Python, NodeJS, VueJS) 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.

RESPONSIBILITIES & QUALIFICATIONS

- You are curious about sciences, eager to continuously learn and use modern web technologies.
- You are energetic, self-directed and self-motivated, able to build and sustain long-term relationships with clients and colleagues.
- You are eager to work with a team of innovation enthusiasts in various fields of expertise: beside skilled developers in your field, you will also work along with biologists, data scientists and applied math engineers.
- You will be involved in the design and architecture decision process of an ambitious scientific SaaS project.
- You will build the node based backend that proxies the core simulation tools and services developed by the scientific & math developers.
- You will contribute to the development of the front-end application core in close relationship with front-end designers and ux experts.
- You love well-tested and well-documented code base.
- You pay particular attention to the security of your applications.
- You like the principles of clean code, hexagonal architecture, sharing knowledge, learning new methods and working in a team.

TECHNOLOGIES & LANGUAGES

We are looking for someone who knows most of the following technologies or is eager to learn/work with them:

- JavaScript / TypeScript / Node.js / Python
- Security JWT / Cryptography
- Web Component / VueJS / React / Angular
- SQL / NoSQL / MongoDB / Postgresql / Elasticsearch
- GraphQL / REST
- Versioning tools / Git
- Linux / Bash-scripting
- Linux container / Docker / Docker compose
- Kubernetes / Cloud Storage / AWS
- Testing & debugging tools

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