



DevOps and Systems Engineer

Quantum Computing Solutions

QPerfect is an ambitious DeepTech quantum computing startup, spun-off from the prestigious European Centre for Quantum Sciences (CESQ) in Strasbourg. Our primary goal is to develop a Quantum Logic Unit (QLU), a full hardware and software system to control quantum computers and unlock the power of fault-tolerant quantum computing. Our first product, MIMIQ, is a high-performance quantum circuit simulation SaaS platform that serves both the quantum community and as the foundational software layer for our QLU

We are looking for a versatile DevOps and Systems Engineer to build and manage the entire technical backbone of our quantum computing startup. You will play a foundational role in shaping a robust, scalable, and efficient technical environment for our products and our team

Your Mission

As our DevOps and Systems Engineer, you will be the cornerstone of our technical operations. You will:

- Design, build, and manage our cloud infrastructure on platforms like AWS or Azure, supporting everything from our MIMIQ SaaS platform to internal workloads.
- Actively contribute to full-stack development of the MIMIQ platform, focusing on backend APIs, job management, and frontend interfaces.
- Own system reliability and performance by implementing robust monitoring, logging, and alerting systems to ensure high availability and security.
- Streamline development workflows by building and maintaining CI/CD pipelines and collaborating closely with software and quantum engineers.
- Plan for scalability and cost-efficiency, proactively assessing needs to evolve our infrastructure.
- Support internal IT systems by administering collaboration tools (e.g., Microsoft 365) to ensure smooth operations for the team (this is a supporting, not primary, responsibility).

QPerfect

Société par Actions Simplifiée au capital de 108 976,80 €
RCS Strasbourg B 952 148 344 - SIRET 95214834400023 - N° TVA intracommunautaire FR05952148344 - APE 2620 Z
23 rue du Loess, 67200 Strasbourg, France



Your Profile

Must-Have:

- A Master's degree in Computer Science, Engineering, or equivalent practical experience.
- Several years of proven experience as a DevOps Engineer, Platform Engineer, or Full-Stack Developer with a strong infrastructure focus.
- Deep expertise in a major cloud platform (AWS, Azure preferred), including services for compute, storage, and networking.
- Strong command of scripting languages (Python, Bash) and Infrastructure as Code tools (e.g., Terraform).
- Solid experience with containerization (Docker) and orchestration (Kubernetes).
- Proficiency in developing and maintaining CI/CD pipelines (e.g., GitLab CI, GitHub Actions).
- Experience in backend (API design) and frontend development (e.g., JavaScript/TypeScript with Vue or React).
- Fluency in English.
- Eligibility to work in France.

Bonus Points:

- Experience with HPC environments for scientific workloads.
- Knowledge of the Rust programming language.
- Experience administering IT collaboration tools like Microsoft 365.
- A genuine interest in quantum or scientific computing.

What we offer

- A unique opportunity to build the infrastructure backbone for a company at the forefront of quantum computing.
- The ability to gain broad experience across DevOps, full-stack development, and cloud infrastructure in a cutting-edge field.
- A passionate, innovative, and talented team in an agile startup environment.

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- Competitive salary, comprehensive benefits, planned employee stock options, and significant opportunities for career growth.
- Flexible work arrangements and the chance to enjoy life in Strasbourg, a highly liveable city in the heart of Europe.

The recruitment process

- **Initial Screening:** A conversation with our CTO to discuss your research background and the role.
- **Technical Challenge & Interview:** A practical discussion and/or a small take-home exercise to review your technical skills and approach.
- **Final Interview:** A final conversation with both the development team and leadership team to ensure a perfect match for both sides.

Don't let a few missing qualifications stop you. If you're a strong candidate for the core of this role, we want to see your application.

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