

## **.NET Software Engineer**

At IDQ, we change the world, one photon at a time. We harness light to develop and industrialize the most advanced quantum products and technologies and help to build long-term trust. We offer quantum key distribution systems and quantum random number generators, and with them we provide the highest level of future-proof security.

As our company enters a high growth phase, and to complete our team, we are looking for a **.NET Software Engineer** to join the R&D department based in the Geneva headquarters. In this role, you will combine your passion for technology with your client focus to link our core Quantum Key Distribution (QKD) System to external secure networks for different industries. Working in an international environment where a high sense of product ownership is required, you will constantly evolve our applications deployed in large networks and bridge them seamlessly with their fast-evolving cloud-oriented environments.

### **Key Functions and Responsibilities:**

- Design, implement and improve our products, within a multi-disciplinary highly motivated team delivering cutting-edge security product.
- Ensure efficient integration in our Customer's environments, with a particular focus on the Cloud application and infrastructure related aspects.
- Deliver applications easy to deploy, operate and monitor, inside their more and more complex and automated environment.
- Ensure high quality and robustness of the code and our applications by owning and contributing to the DevOps and Continuous Improvement processes.
- Perform code reviews and ensure compliance to development best practices.
- Contribute actively to efficient product release delivery and Agile ceremonies.

## Desired Skills & Experience:

- Solid object-oriented design skills.
- +3 years of experience in C#, .NET, LINQ, SQL database design and development: EF
- Experience with two or more programming skills: ASP.NET Core WebAPI, WPF, Blazor, React, Angular, Typescript, Html5, Javascript. Blazor is a big plus.
- Strong development experience in designing, developing, and migrating of Azure or AWS cloud-based applications, as well as multi-user Cloud based applications.
- Strong knowledge of Enterprise Architecture, Microservices Architecture, Cloud reference architecture and associated design patterns
- Good understanding of Cloud security standards and principles including Identity and Access management
- Good understanding of Web API, Swagger and SOA
- Good understanding of quality and testing automation
- Thorough understanding of cloud service offering (covering Compute, Storage and Network and PaaS services including App Services, API Gateway, Messaging Bus).
- Exhibit an ability to learn existing software code implementation methods.
- Experience with standard security concepts (algorithm, key handling, encryption, federation service, authentication delegation) a plus.
- Knowledge of programming in GNU/Linux environment a plus.
- Knowledge and/or Experience in C/C++ a plus
- Autonomous, team-player and self-driven with a strong interest in developing and deploying a unique technical product to the market.
- Professional-level English spoken and written.
- BSc in Computer Science (or equivalent).

**The position is open immediately.**

Should you be interested by this opportunity, please send a full application to [HR@idquantique.com](mailto:HR@idquantique.com) with .Net Software Engineer mentioned in the subject.

*ID Quantique SA is an equal opportunity employer and considers qualified applicants for employment without regard to race, color, creed, religion, national origin, sex, sexual orientation, gender identity, age, disability, veteran status, or any other status protected by law.*