

.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 (QKD) systems and quantum random number generators (QRNG), 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 strengthen the R&D department based in the Geneva headquarters. R&D department is an international, multi-disciplinary and highly motivated team committed to delivering cutting-edge security products.

- You are a **.NET Software Engineer** that seeks new challenge.
- You can work autonomously, in team and with self-driven objectives.
- You have high sense of product ownership and are committed on delivery.
- You have a strong interest in developing and deploying a unique technical product to the market.
- You are interested in keeping up-to-date knowledge on latest software technology.

Key Functions and Responsibilities:

- Develop software application for IDQ products.
- Transform functional requirements into technical components.
- Participate to the improvement of the product from design to delivery.
- Design and code applications that are easy to deploy, operate and monitor on complex environment on customer's sites.
- Ensure high quality and robustness of the application by owning and contributing to continuous and automated quality processes.
- Perform code reviews and ensure compliance to development best practices.
- Contribute actively to efficient product release delivery.
- Maintain up-to-date knowledge on the latest development and architecture patterns, include cloud services integrations.

Desired Skills & Experience:

- +8 years of experience in development C# and .NET (ASP.NET CORE 3.1, .NET 6).
- Strong experience at least one of the technologies: ASP.NET WebAPI or Blazor.
- Working experience and autonomy on LINQ, SQL database design and development with Entity Framework Core, Dependency Injection and Asynchronous patterns.
- Experience in software quality and testing (unit test, integration test automation).
- Good understanding of API and SOA concepts.
- Good understanding of security concepts (X509 Certificates, Delegated authentication, Access Management, TLS, basic Cryptographic functions). Experience in their implementation in a .NET environment is a plus.
- Basic knowledge of Docker.
- Experience in web development using various language and frameworks is a plus.
- Experience in .NET multi-platform development (Linux, Windows) is a plus.
- Experience in building evolution proof Web API is a plus.
- Experience in network protocol development, or IoT platform can be a big advantage.
- Professional-level English spoken and written.
- BSc in Computer Science (or equivalent).

At IDQ, Diversity & Inclusion is at the heart of our organisation, it's an integral part of our history, culture and identity. We recognise that embracing diversity unlocks innovation and creativity and fosters collaboration. As a result, our teams are stronger to drive the company's future.

Should you be interested by this opportunity, and you are located in Geneva in Switzerland or nearby, please apply through the [LinkedIn Portal](#).

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