

# Senior Software Developer

Competitive salary, negotiable depending on experience.

## DESCRIPTION

Symplectic is seeking a senior **.NET developer** with significant experience in enterprise software architecture and frameworks design to join the company's growing software development team.

Your role will work to **develop core functionality** for the company's flagship product, **develop interoperability software** and upgrade the system's **architecture and frameworks**.

As the company expands, you will be expected to lead strategic software projects with scope for managing your own development team.

## REQUIREMENTS

You must be able to demonstrate a wide range of technical skills essential to good enterprise software design and development, including OOP, unit testing, SQL/data retrieval optimisation techniques, and XML/JSON and related transform technologies. Some level of user interface design and knowledge of JavaScript would be helpful.

Like all Symplectic's developers, you will be expected to apply good coding practices and application design principles to your work, with particular emphasis on maintainability and scalability of your solutions. Your communication skills and written English must be very good, and ideally you will have had some experience of giving technical presentations to your peers. Symplectic is looking for a new member of the senior development team who is motivated to lead by example.

You are inspired to work alongside creative and talented colleagues in an informal office environment.

## APPLICATION

Please send a covering letter and a CV to [recruitment@symplectic.co.uk](mailto:recruitment@symplectic.co.uk).

## ABOUT SYMPLECTIC

Having grown out of Imperial College's theoretical physics research group, Symplectic is now the leading developer of integrated research information systems for universities in the UK and was central to the government's pilot of the UK Research Excellence Framework.

Working alongside Nature as a part of Macmillan Publishers' Digital Science group in King's Cross, London, Symplectic is growing steadily and looking to expand its development team to take on more top developers.

The company is an active contributor to the development of open software and standards in the academic libraries and research sector, and keeps itself engaged in several integration projects in this area.

## THE PRODUCT

Symplectic's flagship product, Elements, is a web based research management system. As a business critical system with fast moving requirements and a high data throughput, it is vital that the system continues to rest on technically robust, scalable and well tested foundations.

The system synchronises data with worldwide bibliographic database systems, presents results in real time to administrators and academics, and acts as the hub between many other university systems, all using a Windows/SQL Server/C#/REST/SOAP stack.