

## About Athora

Athora, through its subsidiaries, is a specialist solutions provider in the European insurance market. We offer acquisition, portfolio transfer and reinsurance solutions to insurers to free up capital, management capacities and operating resources. Our principal operational subsidiaries are Athora Lebensversicherung in Germany, Athora Ireland in Ireland, Generali Belgium in Belgium and Athora Life Re, a Bermuda-domiciled reinsurer. Athora has about 800 employees, 800,000 policyholders and total consolidated assets of approximately €15 billion. We have ambitious plans to grow our business across Europe and we are looking for like-minded people to join us on our journey

## Working at Athora

We offer a fast-paced, dynamic work environment where our actions define us, more than any words or promises. We innovate to keep our business at the forefront of the market. People are at the heart of what we do, and we always value that humanity. We do what we do as well as we can because we are about improving lives, inside and outside our business.

## Executive Summary

**Role Title:** Software Engineer  
**Reporting to:** Modelling Supervisor – Systems  
**Team:** Actuarial Modelling  
**Location:** Dublin with potential for travel

## Purpose of this role

The successful candidate will be a key member of an embedded Fintech development team within the Athora Group Actuarial Department. The candidate will support the design and architecture of Athora's in-house actuarial engine ARCSim. The candidate will have the opportunity to help build a Group Actuarial Centre of Excellence while working in a vibrant and dynamic team.

## Key Contribution Areas

- Support and contribute to the design and implementation of solutions to enhance the performance, usability and scalability of the ARCSim valuation platform and supporting tools (C# .NET, MVC Core, Angular 7, Python, SQL SERVER)
- Assist the efforts to optimise the speed and footprint of the calculation engine (Python multiprocessing, GPU processing)
- Ensure that any changes/enhancements to the model are documented and follow a rigorous testing process
- Adhere to Athora's model development standards
- Support other actuarial teams as required

## Personal Capabilities Required

- High levels of commitment and energy
- Proven analytical and problem-solving skills
- Ability to work on own initiative and as part of a team
- Must be able to work in a fast paced team oriented environment
- Flexibility and a positive attitude toward change
- Strong communication skills – verbal, written and listening
- Team player with an ability to interact with colleagues of all levels
- 

## Functional or Technical Knowledge and Skill Required

- 2 years+ experience working in software development environments where you are building back-end and front-end components of Web applications
- Bachelor's Degree in Computer Science or equivalent IT related discipline
- Software development experience in one or more general purpose OOP programming languages (e.g. C#, or a similar high level programming language)
- Experience working in a financial institution in a software development role a distinct advantage
- Experience using Python or other mathematically optimised languages
- Experience using web languages such as HTML, CSS, JavaScript and Angular
- Experience using cloud infrastructure and associated API's

**If you wish to apply, please send your CV to [hr@athora.com](mailto:hr@athora.com)  
The closing date for receipt of applications is **Wednesday, 24 April****