Software Engineer, Backend

(.NET, Microservices, Azure, C#, AI)

Remote (CET +/- 2 hours), including equity

We are seeking a Backend Software Engineer to join our exciting start-up, working within a high performing agile engineering squad, and playing a key role in building and delivering OutThink's ground-breaking SaaS (Software as a Service) Cybersecurity Human Risk Management Platform.

The platform provides innovative and just-in-time learning experiences, nudges, and simulations to hundreds of thousands of users around the world via both desktop and mobile devices. At the same time, the system monitors training responses, collects security system data and continually gathers feedback. All this data is collated and processed by our cloud engines in Azure, culminating in the provision of sophisticated predictive human risk management models. Our models can drive automated countermeasures, and present analysis results via the delivery of highly visual and interactive on-line dashboards.

The Role

You will be working to help design and build high performing APIs, robust microservices, cloud native databases, backend algorithms, AI services and infrastructure in support of the company's vision for a supremely scalable, extensible, and highly performing cloud-native solution.

What You'll Need
- Good analytical and problem-solving skills.
- A positive and proactive attitude with strong initiative, team-working skills, and the ability to learn quickly.
- Good communication skills, with the ability to communicate in English in all forms.
- An understanding of the principles behind great software design, allowing you to write code that's clean, fast, and scalable.
- A good degree in Computer Science, Engineering or other numerate or semi-numerate discipline.
- Well-practiced with Agile Development Methodology, working in short sprint cycles, and able to help mentor other developers.
- Extensive commercial experience of building and working with cloud-native or hybrid cloud solutions with Azure.
- Strong hands-on experience with Microsoft .NET Core 3.1, or .NET 5.0 / 6.0 using C#.
- Experience of building cloud-native solutions with Microsoft Azure; with at least some of the following: API Management, API Gateway, Cognitive Services, Storage Accounts, App Service for Containers, Cosmos DB, Azure Service Bus and Azure Kubernetes Service.
- Containerization Technology (Docker, Kubernetes, Nginx).
- Strong SQL Server skillset, including T-SQL.
- Experience of building solutions incorporating NoSQL Databases such as Redis, MongoDB, AWS DynamoDB, or Azure Cosmos DB.
- Experience of TDD and Unit Testing Frameworks, such as MSTest or NUnit.

- Git Source Control, with GitHub or Azure DevOps Services.
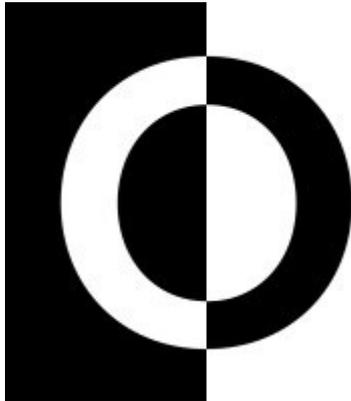- Open API / REST API exposure.

Desirable

- Proven experience working with event driven distributed systems.
- Design experience with domain driven microservices based architectures and CQRS.

In Return You Will Receive

- An opportunity to help build a new, highly sophisticated cloud-native platform.
- An opportunity to work with some of the most modern and leading-edge cloud-based technologies available, working closely with top experts in the industry.
- Great start-up culture in a fun, friendly, and hardworking team.
- Flexible remote working
- Competitive salary
- Share options package - a rare opportunity to get in early and have a stake in what could potentially be a unicorn start-up, with a huge financial payback.
- 34 days paid holiday (including public holidays).
- Plus, an extra day off on your birthday!

About the company

OutThink is a young start-up using some of the latest technologies and methodologies to build the world's first truly predictive Human Risk Management Platform (SaaS).

We are building an innovative, disruptive solution, OutThink is the evolution of traditional security awareness training. Used by large, complex organisations around the world, the OutThink SaaS platform has been developed specifically to identify, measure human risk, and affect behaviour change.

OutThink is headquartered in the UK but has been a remote-first company since before the pandemic, with employees working from locations including Spain, UK, Bulgaria, and United Arab Emirates. We use the latest collaboration tools to ensure a productive working environment.

We soon expect to be meeting up again in locations across Europe to socialise and for a much needed catch-up.