

## Candidate Brief

### Junior Software Engineer

**Salary:** Competitive (£25,000 to £45,000 depending on qualifications and experience)

**Location:** Leeds City Centre, UK

**Contact:** David McKee (CTO)

[david.mckee@slingshotsimulations.co.uk](mailto:david.mckee@slingshotsimulations.co.uk)

**Closing Date:** Sunday 27<sup>th</sup> October 23:59

### Summary

Slingshot Simulations is looking for energetic and passionate software engineers to play a vital role in the development of our innovative SaaS simulation products across a broad range of industries. You will liaise closely with all members of the team including technical, creative, and company leadership, as well as clients.

Slingshot is a start-up based in the heart of Leeds, in the brand-new state-of-the-art Nexus innovation centre within 15-minute walk from the city centre. You will be part of a team that will deliver the world's first Internet of Simulation platform.

Slingshot Simulations is growing rapidly and is working with organisations such as the Royal Academy of Engineering, several universities (including the University of Leeds), local authorities, as well as commercial partners. Ask any member of the Slingshot team what life is like and we will tell you it is never dull; we're always working on the impossible and having fun as we do so.

### What does this role entail...?

You'll need to be fully versed with our demands for excellence in what we deliver for our clients, spending time to understand what is important to them. You will take responsibility for delivering product solutions in a timely manner working closely with all members of the Slingshot team to deliver quality at pace.

You will work across all aspects of the software stack, from cloud technologies through to databases.

### Key Responsibilities

- Working on the core software stack as part of the back-end development team
- Working across database platforms
- Delivering cloud applications
- Ensuring appropriate testing of deployed code

These duties provide a framework for the role and should not be regarded as a definitive list. Other reasonable duties may be required consistent with the post.

### Preferred Skills and Experience:

- Minimum bachelors level qualification, in any subject
- Able to demonstrate working with more than one programming language
- Able to demonstrate an understanding of using unit tests
- Good understanding of Agile methods for software engineering
- Experience in solving complex problems
- Willing to work in a fast-paced team
- Willing to travel for short visits to client sites or exhibitions as part of projects
- High level of attention to detail and effective organisation skills
- The ability to organise and manage others within a team, effectively communicating organisational goals and ensuring their effective delivery
- Confidence and able to interact with employees at all levels of an organization
- Experience pro-actively managing multiple deadlines and resources

You might also have experience in one or more of the following areas:

- A good understanding of data structures and algorithms
- Experience in using C# or GoLang
- Data science techniques and technologies such as TensorFlow using Python
- Mobile app development
- Game development using tools such as Unity or Unreal Engine