

Candidate Brief

Web Developer / Front-End Software Engineer

Salary: Competitive

Location: Leeds City Centre, UK

Contact: David McKee (CTO)

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Closing Date: Sunday 15th March 23:59

Applicant Day: TBC

Summary

Slingshot Simulations is looking for an energetic and passionate web developer or front-end software engineer 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 be responsible for all aspects of web development, working closely with our CTO and fellow engineers.

Key Responsibilities

- Working with our creative manager to understand and design web user experience
- Rapidly prototype novel concepts for presenting simulations to users
- Deliver high quality robust web applications that users can rely on across a range of platforms
- Work with our Cloud specialists to ensure smooth deployment of applications
- Work with end users to understand their needs and problems as they occur

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:

- Experience and understanding of web technologies, including HTML, CSS, JavaScript, and REST
- Able to demonstrate working with at least one web framework such as Angular, Vue, or React
- Able to demonstrate working with JavaScript libraries such as D3.js and Chart.js
- 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:

- 3D modelling using tools such as Blender
- Working with site builders such as WordPress
- Data science techniques and technologies such as TensorFlow using Python
- Mobile app development
- Game development using tools such as Unity or Unreal Engine