



# Job Description

<b>Role Title</b>	<b>Software Developer - Contractor</b>
<b>Team</b>	<b>Development Team</b>
<b>Reports to (role title)</b>	<b>Chief Creative Officer</b>
<b>Version</b>	<b>V1.0</b>
<b>Approving Manager</b>	<b>Chief Creative Officer</b>
<b>Date</b>	<b>1<sup>st</sup> March 2022</b>

## Role Purpose:

Work on technical development to meet client needs and facilitate organisational growth.

Monitor and maintain computer systems and software to ensure connectivity and operations are available as required.

Communicate technical information in a way which is understandable for non-technical individuals in your team, the wider organisation and strategic partners.

## Accountabilities:

- **Working towards developing the technical architecture for Data Duopoly with the Chief Creative Officer.**
- Create technical plans that define how technology will be used to achieve the company's overall business strategy, alongside Chief Creative Officer.
- Champion agile strategies and operating models to deliver outstanding User Experience, customer requirements and company growth.
- Build scalable architecture to provide a solid foundation for future technological and organisational growth.
- **Work on technical development to meet client needs and facilitate organisational growth.**
- Use test-driven software development techniques to produce code for the mobile application, in line with project requirements and to meet deadlines.
- Create and maintain quality standards for code development for the mobile app, in line with client requirements
- Produce code for the app and web analytics dashboard, with up-to-date data

presented in an easy to read way (usability) for both the administrative and customer views.

- **Agile Practices**
- Working in an Agile method to ensure tickets are completed in an effective way.
- Working alongside the product team to deliver development objectives by attending daily stand-ups.
  
- **Manage and maintain computer systems and software to ensure connectivity and operations are available as required.**
- Monitor the performance of the company's Amazon Web Services, ensuring that these remain operational at all times.
- To ensure that for existing clients, their application remains up to date for all software updates and patches.
- Maintain accurate records of all technical and software updates for client applications, to ensure appropriate version control and achievement of quality standards.
- To ensure that test equipment (for example phones) are up to date and available for testing. [dependent on location].
- Forward-looking approach to anticipate issues arising and taking action to avoid problems.
  
- **Communicate technical information in a way which is understandable for non-technical individuals in your team and the wider organisation.**
- Communicate technical information verbally and in writing to colleagues, to ensure understanding of technical concepts for non-computer scientists.

### Person Specification

Knowledge, skills and experience	Essential /desirable
Software development experience with Xamarin (Forms or native)	Essential
Software development experience with ASP.NET and Angular	Essential
Software development experience with OOP (C# preferred, however C++/Java or similar is acceptable)	Essential
Experience of using Amazon Web Services	Essential
Experience of developing technical strategy	Desirable
Experience of software development of iOS and Android mobile apps	Essential

Understanding of Agile working practices	Essential
Understanding of Test Driven Development	Desirable

<b>Behaviours/values</b>	<b>Essential/ desirable</b>
Calmness under pressure	Essential
Good team worker/collaborative approach	Essential
Adaptability to change	Essential
Working under own initiative	Essential
Attention to detail	Essential
Good communication skills (verbal and written)	Essential

<b>Other requirements</b>	<b>Essential/ desirable</b>
Flexibility to work occasional overtime as required for client meetings and client deadlines	Essential
2 Satisfactory references	Essential
Right to work in the UK	Desirable
Access to sufficiently fast internet and able to work effectively from home if/as required	Essential
Ability to work from Data Duopoly offices in Cornwall if/as required	Desirable
Able to travel to meet or conduct testing or other work at client sites as required	Desirable