Context:

Building Digital UK (BDUK) is helping to bring fast and reliable broadband and mobile coverage to hard-to-reach places across the UK. BDUK achieves this by mobilising suppliers to deliver coverage to premises, through contract or grants. This delivery is driven by a sophisticated technological solution, mapping existing and future infrastructure across the UK.

Project overview:

BDUK has 3 projects in need of tech secondeers:

1. Designing a data pipeline for the financial model - BDUK ingests complicated data from suppliers on their build plans. BDUK is building a data pipeline to ensure this is done quickly, efficiently, with an end-to-end process for all data requirements across the business.

2. Exploring the use of ChatGPT within BDUK - BDUK is looking for ways to integrate ChatGPT and other related chatbots into its business and technical processes.

3. Providing tech expertise for the development of the Data Backbone - BDUK is building an end-to-end, semantically accessible data backbone that organises its data into one, coordinated point of truth. BDUK is currently working on the development of a strategy and architecture to achieve this, and will look to build imminently.

Candidate specification:
- Experience in SQL.
- Data engineering experience.
- Experience with data integration, ETL processes, and data flow management tools.

Timing:

Project 1: 6 months, May-October

Project 2: 6 months, May-October

Project 3: 6-12 months, starting May.

Capacity: Ideally full time, but we can tailor accordingly.

Contact: techsecondments@dcms.gov.uk