Senior Developer (Scala / Java)		THE	
		NATIONAL	
Job Description		ARCHIVES	

Department   Digital Archiving – Transfer Digital Records Team
Reports to   Lead Developer
Line manages   Mid-level / Junior developer
Band   Band F
Location   Kew

Job Purpose

This role is part of the Transfer Digital Records team in the Digital Archiving department. As part of this team, you will be working on the Transfer Digital Records service. With the potential to work on other services in the future.

Transfer Digital Records (TDR) is a cloud-based web service for born digital records to ensure the long-term preservation of vital public records. TDR provides government departments with the ability to transfer their digital records for permanent preservation within TNA's award-winning Digital Records Infrastructure (DRI). These records may include sensitive content and will often be subject to access restrictions.

The Transfer Digital Records team are committed to improving and developing this high-profile service. We are looking for an experienced Scala or Java developer to join our small multi-disciplinary team and grow their skills.

You will work in the open to contribute to the development of new features in response to emerging user needs and as part of the Digital Archiving technical infrastructure. You will work with other developers to maintain code bases and support updates according to best practice.

This role would suit someone who is motivated to make public records accessible, enjoys working in the open in a multidisciplinary agile team and is keen to increase the quality of development and implementation across the team.

Role and Responsibilities

In this role you will:

- Take responsibility for the development of Transfer Digital Records, applying your skills and judgement to set technical direction, create and review code and maintain the highest standards

- Use modern language features, libraries, tooling, and workflows (Continuous Improvement, Test Driven Development). Ensuring compliance with GDS Service Manual and Technology Code of Practice

- Support production systems, taking ownership of issues through to successful resolution so that the operation and availability of our systems is maintained effectively

- Find ways to improve system robustness, resilience, and stability

- Work within a multidisciplinary product team alongside product and delivery managers, user researchers, interaction designers and product area specialists

- Coach and mentor more junior colleagues. Proactively share your coding expertise with other developers in the team so that we can build our capability in these technologies

- Understand the whole system and take responsibility for teaching this to others

- Engage actively with Agile working practices and maintain high levels of motivation and performance

- Liaise with key stakeholders, building relationships, acting as a strong advocate for TNA's digital services and ensuring that the needs of the users and the business are met effectively

- Be an active part of the wider external development community, identifying good practices we can adopt, sharing our experiences and promoting the adoption of beneficial standards and practices

Working Conditions

- Normal office environment / Hybrid working pattern

- Display Screen Equipment user

Person Specification

Essential:
- Strong track record in technical development and in delivering complex, production-quality applications.
- Excellent professional development experience of programming in Scala or Java (similar experience in other modern languages will be considered).
- Experienced in development best practices and project methodologies
- Highly motivated and able to work independently or as part of a multi-disciplinary team, maintaining strong working relationships both within the organisation and externally.
- Excellent ability to analyse and problem solve, and good organisational skills coupled with the ability to work to a high degree of accuracy.
- Strong desire to learn new technologies and techniques
- Excellent interpersonal and communication skills, with the ability to explain complex technical issues and concepts to non-specialists and to provide advice and guidance based on experience and sound judgement. Work collaboratively in the open and proactively share knowledge.
- Experience of mentoring, coaching and supporting junior developers with their career development

Desirable:
- Experience of Scala or a desire to learn Scala
- Experience of developing applications hosted on Amazon Web Services
- DevOps skills including experience of configuring CI/CD pipelines and Infrastructure as Code
- Experience of application containerisation and container orchestration tools
- Good understanding of version control with Git and GitHub
- Experience of development in a Linux environment

Other Requirements

- Although TNA normally operate a hybrid working arrangement we are open to the possibility of home based working for this particular role.

- The successful candidate will be required to obtain SC level clearance. Subject to candidate's circumstances, this may require current UK residency of up to 3 years.

We are committed to continually improving the diversity of our workforce and therefore encourage applications from people of colour, the LGBTQI+ community, the trans community, those who are neuro diverse, and those with a disability.