Candidate Information

Position: Digital Transformation Architect
School/Department: Directorate Office (Information Services)
Reference: 21/108808
Closing Date: Friday 28 May 2021
Salary: £52,560 to £60,905 per annum
Anticipated Interview Date: Wednesday 16 June 2021

JOB PURPOSE:

The primary purpose of this role to provide design leadership and approval for data and analytics-led solutions being delivered by Queen's Digital Transformations.

Produce application specific designs based on a pre-defined high-level global architecture/platform.
Contribute to the evolution and development of the global architecture/platform.

Provide necessary governance to ensure alignment with program principles and agreed architectures, including creating and presenting material to relevant governance bodies.

Support both the business and engineering teams in regards to elaboration of requirements and lower level designs documenting key decisions and risks.

MAJOR DUTIES:

1. Develop and maintain corporate architecture which supports an API-first strategy that includes defining internal and external APIs and microservices required to support better integration between multiple systems within Queen's.
2. Develop a strategy and design to rapidly expose data to internal and external uses whilst ensuring "privacy by design" and "privacy by default" of systems. This will require working in close cooperation with Queen's Data Protection Officer.
3. Support the introduction of modern software development practices, required to support mobile first and cloud based solutions, into Queen's Information Services team. These new methodologies and technologies will be used to deliver the best possible service to the customer base.
4. Ensure customer feedback and quality processes are in place for all areas of responsibility to provide evidence-based improvements in the service delivered by the IS Digital Transformation Programme.
5. Develop and manage the relationships with key strategic third-party digital delivery partners. The focus should be on ensuring that Queen's leverages on the capabilities of these partners to progress the Information Services Strategic Plan.
6. Drive advocacy and generate demand of digital capabilities across the Senior Management Team at Queen's.

Planning and Organising:

1. The post holder will be a key participant in setting the strategic direction of the Information Services architecture and the successful realisation of the annual operational planning process.
2. Lead the major design activities required by the Digital Transformation Programme, across the University, to deliver the desired outcomes of the Information Service Strategic Plan.
3. Review and endorse designs for individual, team and supplier activities with an appreciation of longer-term goals, ensuring plans support Queen's Corporate Plan requirements for a Dynamic Digital Experience.
4. Update the systems and applications architectural roadmap for the Digital Transformation Programme on a rolling annual basis and lead the implementation of projects to realise the roadmap.
5. Contribute to the on-going development of the Information Services Strategic Plan and the Digital Transformation aspects of Queen's Corporate Plan.

Resource Management Responsibilities:
1. Ensure the financial plans for the Digital Transformation Programme are developed and that services operate effectively within a budget.
2. Initiate and explore ways of improving efficiency, effectiveness and promote improvements in value for money.
3. Assess the workforce implications of the proposed developments including training and development needs and requisite skill sets.
4. Lead and manage staff in a major functional area or service grouping, developing them and raising their performance.

Internal and External Relationships:
1. In partnership with relevant stakeholders (in Information Services and IT resources in other directorates and faculties) develop a global architecture/platform that is prioritised and supported across the University.
2. Evaluate technical options for solving business issues/opportunities and recommend best approach with clear explanation of factors determining the decision.
3. Keep up to date with latest technical developments and particularly those of relevance to the Higher Education sector.
4. Provide advice on digital technology and its benefits to senior colleagues from all areas of the University.
5. Represent Queen's on national committees such as UCISA, Russell Group IT and external bodies, ensuring that Queen's broader strategic imperatives are supported by national initiatives in the digital environment.
6. Lead Queen's relationship and negotiations with key national and international suppliers of digital and Cloud based infrastructure.

ESSENTIAL CRITERIA:
1. *Primary degree OR evidence of substantial relevant professional experience as a Digital Transformation Architect.
2. *Experience of leading strategic change management programmes in a complex private sector firm or significant public sector organisation.
3. *Experience of leading and delivering digital transformation programmes and working with multiple partners and stakeholder groups.
4. *Extensive experience in Agile software delivery methodology.
5. *Strong financial acumen with the ability to develop and manage budgets.
6. *A proven track record of delivering strategic outcomes with flexibility and creativity.
7. Ability to communicate effectively, written and oral, with both technical and non-technical staff at all levels within the University and across industry sectors.
8. Manage and develop relationships with senior stakeholders and clients, including at the board level.
9. The ability to negotiate with, influence and motivate others.
10. Proven ability to successfully manage interactions with internal business partners and third-party solution providers.

DESIRABLE CRITERIA:
1. *Membership of British Computer Society or Institute of Engineering.
2. *Project Management accreditation(e.g.) PRINCE2 Practitioner).
3. *Experience of developing innovative solutions utilising Cloud based services.
4. *Knowledge and experience of cyber security standards such as ISO 27000.
5. Experience of using social media channels to promote employer's reputation.
6. Ability to develop personal networks at a national and international level.