Job Description

Architect, Solution

CARNIVAL UK

Role Description:					
The Solution Architect role is to define the solution architecture for Carnival UK projects, providing technical design services to the project team. The role will identify the overall design of applications and map business requirements to systems/technical requirements. The role will also be responsible for supporting the optimisation of CUK Technology system architecture, through the understanding of technology capabilities and business needs, and provide architectural leadership to business and technology stakeholders on assigned projects.					
RUI:	956	**Grade:**	CUK07	**DBS check required:**	NO
Directorate:	Carnival UK Shared Services	**Reports to:**	Director, Enterprise Architecture & Governance		
Function:	Carnival UK Technology	**Team:**	Technology Architecture & Engineering		
Direct reports :	**Job Titles & Level** • N/A				

Accountabilities:

- Design and document project architecture solutions taking into consideration:
    - Existing systems and interfaces
    - IT and corporate strategy, standards and policies
    - Documented business requirements
    - Support costs
- Solution architecture responsibilities will cover all typical architecture views including:
    - Business capabilities
    - System overview
    - Application Architecture
    - Information Architecture – integration, interfaces and data
    - Functional Architecture
    - Infrastructure Architecture
- Lead assigned project technical workstreams across supplier evaluation, governance and assurance – working with suppliers to define the end-to-end architecture and assess the supplier's detailed solution and implementation approach.
- Work closely with project managers to lead the technical workstream across estimating and planning activities
- Assist in the specification and selection of relevant software systems to meet business requirements.
- Be responsible for the definition and delivery of the technical aspects of assigned projects, to include production of good architectural designs and documentation.
- Assess and quantify the risks associated with design decisions, and communicate these to relevant parties.
- Monitor project technical progress, informing project management of major technical issues and making recommendations on their resolution.
- Advise on the impact of any technical exceptions, including requests for changes, deviations from specifications, impact on technical debt.
- Assess and quantify the risks associated with design decisions. These risks must be communicated to relevant parties.
- Define and deliver the technical aspects of assigned projects, informing project management of major technical issues and making recommendations on their resolution.
- Maintain detailed knowledge of technologies appropriate to CUK (products, standards, etc.) and make recommendations for the use of new technologies and tools that support our system platforms.

Health, Environment, Safety, Security (HESS) Responsibilities:

- Lead by example by taking care of the health and safety of yourself and others.

- Report all accidents, 'near miss' incidents and work related ill health conditions to your manager, team leader.
- Follow safety rules and procedures.
- Use work equipment, personal protective equipment, substances, and safety devices correctly.
- Take part in safety training & risk assessments and suggest ways of reducing risks.
- Appoint shore side risk assessment Subject Matter Expert's as required to review and approve risk assessments.
- Actively promote safe working within your team and encourage safe behaviours.
- Demonstrate safety leadership in accordance with our safety leadership behaviours.

General Responsibilities:

- Adhere to Corporate Policies and Procedures, including Code of Conduct, Audit Procedures and any control related responsibility for financial data entered, stored, or reported via business systems within employee's control (list not exhaustive).
- To undertake ad hoc duties as required.

Scope:

Problem solving:
- The Solution Architect will be expected to reason business requirements for change against technical and organisational constraints, business and IT strategy and other influencing factors, to derive solution designs that address the explicit requirements for change and the broader requirements / constraints of the organisation.
- Needs to understand the respective internal and external delivery capabilities for the realisation of the solutions they design, and agree delivery processes that exploit these capabilities appropriately and respects their constraints (e.g. skills, capacity, commercial).
- Given the diversity that exists within our business(es) and the potential solutions that the group, its partners and IT industry has to offer, the Solution Architect needs to navigate a complex array of solution options to identify one that can be delivered.

Impact:
- The Solution Architect provides a single point of contact for Architecture on assigned projects and programmes, being able to account for the design of a solution and its alignment to Enterprise Architecture and other standards.
- Develops solution designs that can be understood by the sponsors for change (e.g. business stakeholders) and the respective delivery functions that will be responsible for delivering this.
- Aligns individual change initiatives with strategic imperatives (business and IT), with the objective of developing solutions the help the organisation realise its overall strategy.
- Is accountable for all aspects of the solution's design through-life and will where necessary delegate and govern the development of solution designs by subject matter experts (internal and external).

Leadership:
- The Solution Architect can demonstrate a passion for the solution they have developed that will be witnessed through their articulation of the solution's design and the reasoning behind it.
- Acknowledges that for solutions to be successfully delivered they need to work with a cross-section of stakeholders and as such will communicate effectively to drive consensus and address concerns.
- On projects, the Solution Architect will be expected to drive all design activity, coordinating the design tasks within the context of the high level solution design they are developing and aligning these to the overall project schedule.
- Throughout design, the Solution Architect drives designs through to conclusion via the appropriate authorities (e.g. Technical Design Authority) and with all of the stakeholders concerned.

Demonstrable Behaviours:

Self-Mastery
- Demonstrates high self-awareness of impact of own behaviours and adjusts to suit the audience.
- Seeks feedback to learn and develop self. Acts with integrity and is authentic.

Improve & Innovate
- Embraces change and continuously looks for sustainable improvements that enhance the team, business and guest experience.

Engage & Empower
- Cultivates a culture in inclusivity and care across own and wider teams.
- Values differences in people and supports and champions personal growth.

Accountability & Commerciality

- Takes accountability and ownership of challenges, obstacles and team success.
- Appropriately manages expectations and delivers on promises.
  Inspire & Achieve
- Thinks strategically, considers broader interests and direction to shape decisions.

Knowledge, Experience and Qualifications::

Qualifications – essential:
- N/A

Knowledge/ Experience – essential:
- Solid understanding of solution design and architecture.
- Expert in producing clear and concise documentation of technical architecture.
- Expert knowledge of design and integration principles for relational databases.
- Good understanding of server-side and end-user application architecture and design.
- Proficient understanding of architecture principles and application.
- Experience in collaborating with a large team of Architects and SMEs across the wider Technology and the Business.

Qualifications – desirable:
- Degree level qualified in a Technology or, Numerical discipline or similar.
- Appropriate Architectural certifications, e.g. TOGAF.

Knowledge/ Experience – desirable:
- Travel, hospitality, leisure or maritime industry background.

Issue Date:	Feb 2021	**Issued by (name):**	Richard Dace, Director Enterprise Architecture & Governance	
REWARD ONLY	**Grade:** CUK 07	**RUI:**956	**Date Approved:** Feb 2021	**Initials:**