Job Description

Cyber Security & Identity Architect

Digital and Technology (D&T)

Grade: G   **Role profile: TSG1**

Full time (37 hours per week)   **Permanent**

	Duties of the role
Overall purpose of the role	The postholder will develop and deliver specialist cyber security and Identity and Access Management (IAM) architect designs for the university's system and services and will maintain security documentation, develop architecture patterns and security approaches to new technologies.
	The postholder will recommend security controls and identify solutions that support a business objective, provide specialist advice and recommend approaches across teams and various stakeholders.
	Utilising their expertise, the postholder will embed security by design into architecture principles, ensuring the service meets the university needs, remains relevant and adapting the service as required, in consideration of longer-term strategic objectives
Main duties and responsibilities	• Inspire and influence cross-functional teams to adopt and apply essential security principles, fostering a security-aware culture across the organisation.
	• Review and evaluate others' security designs, configurations, and processes, providing constructive feedback to ensure alignment with industry best practices and organisational standards.
	• Effectively translate technical security and risk implications to non-technical stakeholders, ensuring clear understanding across the university and supporting informed decision-making.
	• Engage with diverse stakeholders, managing their expectations and flexibly adapting to their feedback to reach collaborative, secure solutions.
	• Develop and communicate risk assessment methodologies, guiding their application to measure proportional risk and determine appropriate security responses.
	• Lead on and drive research initiatives and stay updated on emerging security technologies, advising on trends and innovations to enhance security properties in cloud environments.
	• Gather, analyse, and leverage relevant security data, trends, and metrics to inform security decisions, fostering continuous improvement in security service delivery.
	• Perform any other duties commensurate with the job grade as reasonably required from time to time.
	• Act in accordance with DMU Values:

Duties of the role
- o Collaborative – Work together to achieve joint outcomes, understand how your work contributes to DMU, and be aware of your personal impact on others.   - o Compassionate – Be open, honest, and caring, work on a basis of trust, and hold yourself accountable for your actions.   - o Creative - Strive for better, challenge bureaucracy, explore digital solutions, and innovate creatively. o Community minded - Embrace alternative views, treat others with respect, and tackle inequalities.   - Treat all DMU staff, students, contractors and visitors with dignity and respect. Provide a service that complies with the Equality Act 2010, eliminating unlawful discrimination, advancing equality of opportunity and fostering good relations with particular attention to the protected characteristics of age, disability, gender reassignment, marriage and civil partnership, pregnancy and maternity, race, religion or belief (or none), sex and sexual orientation.   - All members of staff are responsible for their contribution to improved environmental performance and in reducing greenhouse gas emissions at DMU. It is therefore required that all members of staff are aware of how the Environmental Policy relates to their own role at the University. Staff conduct must reflect the values inherent in the Environmental Policy and where required staff must cooperate with environmental compliance and conformance requirements to help minimise our emissions to air, water and land.   - The postholder should have a positive attitude towards health and safety and be aware of and comply with all health and safety policies for the university, as applicable. There will be a requirement to complete all mandatory health and safety training as deemed to be relevant for the position held. The postholder is expected to help maintain a safe working environment for staff, students and visitors by working closely with the local safety coordinator as required. Any accidents or dangerous incidents must be reported promptly through the university's reporting system.

Person Specification

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Area of responsibility	Requirements	Essential or desirable		*Method of assessment			
				A	I	T	D
Qualifications & Training	Degree in a related field (e.g. Computer science or IT Management) or equivalent relevant work experience	Essential		X			X
	Relevant industry qualification, e.g. TOGAF, SABSA, CISSP, CIAM	Essential		X			X
	Relevant professional foundation qualification, e.g. ITIL Version 3 or Foundation, PRINCE2/ Agile Foundation		Desirable	X			X
Previous Work Experience	Extensive experience in designing and implementing secure technology solutions, incorporating advanced security controls to mitigate threats and ensure compliance.	Essential		X	X	X	
	Demonstrated ability to architect security & Identity & Access Management (IAM) solutions that align with organisational objectives.	Essential		X	X		
	Proven experience with security frameworks and regulatory compliance standards (e.g., ISO 27001, NIST, GDPR).	Essential		X	X		
	Strong background in conducting risk assessments, across cyber security and/or IAM technologies. Skilled in recommending proportional security responses and demonstrating continuous improvement in this area.	Essential		X	X		
	Experience implementing and/or designing security operations within hybrid cloud environments. Familiarity with metrics analysis to assess security posture and drive continuous improvements.	Essential		X	X		

Area of responsibility	Requirements	Essential or desirable		*Method of assessment			
				A	I	T	D
	Experience of working within Higher Education sector		Desirable	X	X		
Knowledge, Skills and Abilities	In-depth knowledge of security architectures, including secure design principles, encryption, identity and access management, and network security across multiple environments	Essential		X	X		
	Ability to design solutions that address current threats and align with university standards.	Essential		X	X	X	
	Comprehensive understanding of emerging security & IAM technologies and trends, with the ability to advise on and apply innovations to enhance cloud security. Skilled in identifying and recommending technologies that align with the university's security strategy.	Essential		X	X		
	Expertise in embedding security by design within architectural principles, ensuring solutions are secure, resilient, and adaptable to evolving university needs and long-term strategic objectives.	Essential		X	X		
	Ability to gather, analyse, and leverage relevant security data, trends, and metrics to support informed decision making and enhance security services.		Desirable	X	X		
	Able to communicate effectively and with accuracy, in oral and written formats, adapting style to the needs of technical and non-technical audiences	Essential		X	X		
	Commitment to delivering a customer focussed service and to enhancing and improving service delivery	Essential		X	X		
Equality and Diversity	Able to provide a service to a diverse range of people to promote good relations and equality	Essential		X	X		
Our Values and Behaviours at DMU							
Collaborative	We support each other to achieve joint outcomes	Essential			X		
	We understand how our work contributes to DMU						
	We are aware of our personal impact on others						
Compassionate	We are open, honest and caring We work on a trust basis	Essential			X		
	We hold ourselves accountable for our actions						
Creative	We constantly strive for better	Essential			X		
	We challenge bureaucracy and explore						

Area of responsibility	Requirements	Essential or desirable	*Method of assessment			
			A	I	T	D
	digital solutions We are innovative and creative					
Community-minded	We embrace alternative views We treat others with respect We tackle inequalities	Essential		X		

*A = Application Form; I = Interview; T = Test; D = Documentary Evidence