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VACANCY NOTICE

POSITION : ASSISTANT MANAGER - INFRASTRUCTURE SOLUTION ARCHITECT
LOCATION : Kuching, Sarawak
INDUSTRY : Education
TYPE : Full Time
REF : C25052026/IT

JOB SUMMARY

The Infrastructure Solution Architect will lead the design, governance, and transformation of the University's IT infrastructure. This role is accountable for developing and maintaining infrastructure standards, architecture principles, and a multi-year roadmap that aligns with the University's digital transformation goals. The architect will ensure traceability from high-level design through detailed design to implementation and operations, driving modernization across physical, hybrid, and cloud environments.

KEY RESPONSIBILITIES AREAS

The key responsibility areas (KRAs) are the major outputs for which the position is responsible and are not a comprehensive statement of the position's activities.

1. **Infrastructure Management**
   a) **Infrastructure Standards & Roadmap**
      - Develop own IT infrastructure standards, architecture principles, and a multi-year roadmap.
      - Ensure alignment with IT unit objectives, University strategies, and digital transformation initiatives.
      - Evaluate, test, and recommend infrastructure and cloud solutions for university-wide adoption.
      - Maintain awareness of emerging technologies and recommend continuous improvements.

   b) **Architecture Design & Governance**
      - Analyze and assess the current system architecture to identify improvement opportunities.
      - Collaborate with cross-functional teams to design and develop scalable and efficient solutions.
      - Lead, define, and own High-Level Design (HLD), Detailed Level Design (DLD), and Low-Level Design (LLD) for infrastructure initiatives.
      - Produce and govern architectural documents covering logical, physical, cloud, hybrid, and data-center strategies.
      - Ensure designs meet enterprise architecture, cybersecurity, and IT governance requirements.
      - Govern LLD compliance with standards, ITIL/ITSM processes, and operational readiness requirements.
      - Integrate new technologies into existing infrastructure to optimize performance.
      - Conduct thorough research on emerging technologies and industry trends.
      - Secure architectural approval prior to procurement, build, or implementation.
      - Create and maintain detailed architectural documentation.

c) **On-Premises, Cloud & Data Centre Transformation**
- Provide architectural leadership in premises, cloud technologies (Microsoft Azure, AWS, etc.).
- Drive transition from traditional data centers to modern physical, hybrid, or cloud infrastructure.
- Promote adoption of virtualization, containerization, platform technologies, and Infrastructure as Code (IaC).

d) **Project & Delivery Leadership**
- Design, test, implement, and transition IT and digital solutions into operations.
- Lead infrastructure streams within complex projects and programs, ensuring objectives and SLAs are met.
- Troubleshoot and resolve complex technical issues.
- Serve as a focal point for IT infrastructure project delivery, especially cloud-related initiatives.

e) **Stakeholder Engagement & Advisory**
- Deliver customer-focused IT services aligned with performance indicators.
- Provide expert advice on complex technical and resource issues.
- Communicate architectural matters clearly through reports and briefings.
- Build strong relationships with Non-Academic and Academic, Digital, Application, and Data Architects.

f) **Leadership & Transformation**
- Initiate and manage continuous improvement initiatives (standardization, simplification, consolidation, cost optimization).
- Lead stakeholder expectation management and change management across faculties and departments.
- Improve client satisfaction and strengthen long-term relationships.
- Lead meetings and presentations with vendors and stakeholders to communicate architectural plans and solutions.

2. **Policy and Planning**
- Assist and support the Manager, Infrastructure & Cybersecurity Risk, to implement and to ensure compliance with all University IT-related policies.

3. **Documentation**
- Develop and maintain various procedural and technical documents in areas such as customer service and application support.

4. **Report**
- Prepare and provide reports on the relevant information as and when needed by the Management.

JOB REQUIREMENTS

- Minimum Bachelor's Degree in Information Technology (IT), Computer Science, or other related discipline from a recognized institution
- Minimum of 3–5 years of related working experience, including one (1) year at a supervisory level in leading a team of staff.
- Experience in Infrastructure Solution Architecture is required.
- A Master's degree holder can be considered.

TO APPLY

1. Applications should include with their application **a detailed CV** indicating qualifications, experience, and other matters considered relevant to the application.

2. The application must also include a separate document addressing each applicable element of the **Key Selection Criteria** ***(As per attached below).***

3. Copy of all your academic certificates (compile all in one pdf file).

4. Email your application to resume@unitalentcareer.com or WhatsApp to +6012-5227761.

Key Selection Criteria

Application letters and/or resumes must address the Qualifications and Knowledge / Experience / Attributes sections under the key selection criteria.

Qualifications: Include all educational and training qualifications, licences, and professional registration or accreditation, criminal record checks etc. required for the position.		**Essential / Highly Desirable / Preferable**
1.	A Bachelor's degree in Information Technology (IT), Computer Science or other related discipline from a recognised institution with minimum of 3 – 5 years related working experience including one (1) year at supervisory level in leading a team of staff. Experience in Infrastructure Solution Architecture is required. Master's degree holder can be considered.	Essential

Experience / Knowledge / Attributes: Required by the appointee to successfully perform the positions key responsibilities.		**Essential / Highly Desirable / Preferable**
1.	Proven experience producing and governing DLD and LLD in large-scale infrastructure/cloud programs.	Essential
2.	Strong exposure to IT architecture governance, ITIL/ITSM, Agile, and DevOps environments.	Essential
3.	Demonstrated ability to ensure architecture-to-implementation traceability (DLD → LLD → Build → Operations).	Essential
4.	Ability to translate business and architectural requirements into clear HLD, DLD, and LLD artefacts.	Essential
5.	Strong evaluation skills for technical depth, risks, and operational readiness.	Essential
6.	Relevant certifications (e.g., AWS Certified Solutions Architect, Microsoft Certified: Azure Solutions Architect Expert, VMware) are preferred.	Highly Desirable
7.	Excellent problem-solving, solution design, and consensus-building skills across diverse stakeholders.	Highly Desirable
8.	Excellent communication and teamwork abilities.	Highly Desirable
9.	Ability to learn and adapt to new technologies quickly.	Highly Desirable
10.	Flexibility in Working Hours: Exhibits willingness to operate beyond regular office hours as necessary to fulfill job demands.	Preferable