



SENIOR TECHNICAL SPECIALIST INFRASTRUCTURE ARCHITECT: COMPUTE & STORAGE (Payclass 12) **ENTERPRISE INFRASTRUCTURE SERVICES** **INFORMATION & COMMUNICATION TECHNOLOGY SERVICES**

Are you experienced in providing highly specialized technical support for business-critical services and/or infrastructure and have project management experience in a progressive ICT environment, with a strong customer focus and a demonstrable track record of innovative thinking, project-based delivery, and productive interactions across multiple teams? The Enterprise Infrastructure and Services division seeks to develop infrastructure and services through project work, design, maintain and manage complete systems, support ICT systems, services and infrastructure and provide technical leadership in a complex and heterogeneous systems and infrastructure environment. This is a role which plays a critical part in ensuring that UCT derives value from its investment in IT infrastructure and reports to a senior manager.

Responsibilities include:

- Providing highly specialized technical support for business-critical services, systems and/or infrastructure.
- Designing, maintaining, managing, and developing one or more business-critical ICT systems and/or infrastructure service components.
- Responsible developing and implementing infrastructure, systems, and services through project work
- Provides technical leadership for one or more systems and/or infrastructure service components
- The Senior Technical Specialist reports to a Senior Manager.

Minimum requirements include:

- Relevant qualification at NQF level 7 and
- 10 years' experience in enterprise ICT infrastructure of which 5 years must be relevant current technical hands-on experience

Required non-technical skills include:

- Ability to prioritize and manage work under pressure.
- Excellent written and spoken communication skills.
- A strong customer service ethic.
- Ability to work as part of a team.
- Analysis and problem-solving ability.
- Experience in implementing and consulting on infrastructure projects.
- Architecting and drafting solutions for enterprise infrastructure services.
- Understanding of digital transformation and using technology for change.

Required Technical skills and competencies

- Expert in large scale enterprise storage system administration, support, design, and implementation
- Expert in managing Linux operating systems in a heterogeneous environment with a strong working knowledge of the system fundamentals and common network protocols.
- Proficient in identifying caveats with system architectures and providing senior management with resilient alternatives
- Expert knowledge of data archival and backup systems implementation and support – strong VEEAM and Networker experience is preferred
- Proven expertise in various mechanisms for presenting storage to application environments
- Demonstrated experience implementing and managing complex file transfer and storage mechanisms, e.g., File, Block and Object based storage
- Expertise in enterprise storage hardware, architectures, and associated software
- Proven Experience administering systems and applications on virtualized platforms, including private/public cloud environments (VMware, Hyper-V, AWS, Azure)
- Experience in Cloud migration and adoption projects – Azure, AWS
- Experience in Cloud storage protocols such as S3
- Expert in administration of physical and virtual infrastructure hosts in complex heterogeneous environments
- Solid knowledge of network infrastructure services e.g., DNS, DHCP and various networking protocols
- Solid knowledge of containerization technology e.g., Kubernetes, Docker
- Proven IT project management skills.

Advantageous Skills

Relevant technology certifications and/or a qualification at NQF 8 and/or relevant experience in Higher Education is advantageous.

The annual remuneration package, including benefits, is between R906 943 to R1 066 991 per annum.

Flexible Work conditions are available

To apply, please e-mail the below documents in a **single pdf file** to icts-jobs@uct.ac.za

- UCT Application Form (download at <http://forms.uct.ac.za/hr201.doc>)
- Personal statement, up to 1,000 words, you should set out in your statement why you're interested in this role and provide examples of where your skills and experience meet the requirements for this role as detailed in the advert and job description
- Curriculum Vitae (CV)

An application which does not comply with the above requirements will be regarded as incomplete. Only shortlisted candidates will be contacted and may be required to undergo a competency test

Telephone: 021 650 3012

Website: www.icts.uct.ac.za

Reference number: E22967

Closing Date: 21 November 2022

"UCT is a designated employer and is committed to the pursuit of excellence, diversity, and redress in achieving its equity targets in accordance with the Employment Equity Plan of the University and its Employment Equity goals and targets. Preference will be given to candidates from the under-represented designated groups. Our Employment Equity Policy is available at www.uct.ac.za/downloads/uct.ac.za/about/policies/eepolicy.pdf."

UCT reserves the right not to appoint.