



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

Are you passionate about shaping the future of IT infrastructure at a world-renowned university? Join us at the University of Cape Town (UCT) as a Senior Technical Specialist in Compute and Storage Infrastructure Architecture.

About the Role:

As a Senior Technical Specialist, you will play a pivotal role in the development of mission-critical infrastructure services that underpin all activities at UCT. You will be an integral part of the Core Infrastructure team in the Enterprise Infrastructure Services division. In this role, you will be responsible for designing, managing, and developing our business-critical university enterprise Linux platforms, storage, backup services, and other ICT systems. Your contributions will directly impact the success of our team, and your technical expertise will be crucial in ensuring that UCT maximizes its investment in IT infrastructure.

What You'll Be Working On:

- Providing highly specialized technical support for essential business services, systems, and infrastructure.
- Designing, maintaining, and managing one or more business-critical ICT systems and infrastructure service components.
- Taking a lead role in the development and implementation of infrastructure, systems, and services through project work.
- Offering technical guidance and leadership for key systems and infrastructure service components.
- Collaborating with a diverse team to ensure seamless service delivery and the successful execution of projects.

What You Would Bring to the Job:

- A passion for IT infrastructure and a commitment to delivering high-quality services that enable academic excellence and research innovation.
- Proven project management skills to drive successful project outcomes and deliver on time and within scope.
- Excellent written and verbal communication skills, allowing you to effectively interact with stakeholders at all levels.
- The ability to handle pressure and prioritize tasks efficiently, ensuring consistent and reliable service delivery.
- A strong customer service ethic, focusing on meeting user needs and ensuring a positive user experience.
- Analytical and creative problem-solving abilities, enabling you to address challenges with innovative solutions.
- Experience in architecting and drafting solutions for enterprise infrastructure services, contributing to cutting-edge technology implementations.
- A solid understanding of digital transformation and how technology can drive positive change in an academic setting.

Required Experience and Qualifications

- A relevant qualification (degree in computer science or Information Systems) at NQF 7 and 10 years of relevant experience OR NQF6 with 15 years of relevant experience
- A minimum of 10 years of hands-on experience in enterprise ICT infrastructure
- Expertise should include at least 5 years of relevant current technical experience

Required Technical Skills and Competencies:

- Expert-level proficiency in large-scale enterprise storage system administration, support, design, and implementation.
- Advanced knowledge and working experience of Linux operating systems at an administration level.
- Demonstrated experience in data archival and backup systems implementation and support, preferably with expertise in VEEAM and Networker.
- Proficiency in various mechanisms for presenting storage to application environments.
- Hands-on experience implementing and managing complex file transfer and storage mechanisms, including File, Block, and Object-based storage.
- In-depth knowledge of enterprise storage hardware, architectures, and associated software.
- Experience administering systems and applications on virtualized platforms, including private/public cloud environments (VMware, Hyper-V, AWS, Azure).
- Familiarity with Cloud migration and adoption projects, particularly in Azure and AWS.
- Knowledge of Cloud storage protocols such as S3.

- Proficiency in administering physical and virtual infrastructure hosts in complex heterogeneous environments.
- Strong knowledge of network infrastructure services (e.g., DNS, DHCP) and various networking protocols.
- Familiarity with containerization technology (e.g., Kubernetes, Docker).

Join our Team:

At UCT, we value innovation, diversity, and collaboration. As a Senior Technical Specialist - Compute and Storage Infrastructure Architect, you will have the opportunity to shape the future of education and research by creating and maintaining cutting-edge IT infrastructure solutions. Be part of our dynamic team, and together, let's drive technological advancements and support academic excellence.

If you are ready to make a significant impact and contribute to the success of a leading university, apply now to join our team at UCT as a Senior Technical Specialist in Compute and Storage Infrastructure Architecture.

The annual remuneration package, including benefits, is between R961 360 and R1 131 011 per annum.

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

- Application Form
- Curriculum Vitae (CV)
- **Personal statement, up to 1,000 words**, you should set out in your statement why you are interested in this role and provide examples of where your skills and experience meet the requirements of this role as detailed in the advert.

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: E231082

Closing Date: 01 December 2023

"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.