

<b>JOB TITLE: Cloud Engineer/Architect</b>	
<b>JOB SUMMARY:</b>	
<p>The Digital Delivery Support Framework of the Ministry of Digital Transformation (MDT) aims to develop an enabling environment for Digitization Projects in key Ministries, Departments and Agencies (MDAs). The vision of this framework is the central coordination of core and foundational ICT projects across the public sector that collectively advances the country’s digital transformation agenda.</p> <p>The role entails defining end to end Cloud and Managed services needs and Identifying appropriate vendors and solutions, the remit of the professional included design, planning, management, maintenance, and support.</p>	
<b>REPORTS TO:</b>	
<b>SUPERVISION GIVEN TO:</b>	
<b>KEY RESPONSIBILITIES:</b>	
<ol style="list-style-type: none"> <li>1. Provides key decision-making insights for your organization by developing technical solutions to business problems and ensuring that those solutions are efficiently implemented.</li> <li>2. Develops efficient technical solutions to business problems by having an in-depth understanding of how business processes work and how IT systems interrelate with them to be able to identify a business problem, define the needs and design a solution using the most suitable technologies.</li> <li>3. Designs and develops an efficient implementation process by understanding of how existing IT systems will be integrated with the new cloud architecture and how new technologies will be integrated with existing systems, and to be able to mitigate risks that may arise within the process.</li> <li>4. Translates project-specific specifications into a cloud architecture that satisfies those specifications by taking into account the resource usage and scalability specifications of the project.</li> <li>5. Conducts the transformation of systems by applying infrastructure migration technique in order to migrate the applications onto the cloud systems.</li> <li>6. Executes and supports the systems by identifying, analyzing, and resolving infrastructure vulnerabilities and application deployment issues and responding to these issues.</li> <li>7. Maintains vendor relationships by understanding of the features, capabilities, and limitations of vendor offerings and how the organization’s requirements can be met using vendor products thus being able to select the most suitable vendor technologies and manage vendor relationships.</li> <li>8. Addresses change by understanding how existing systems will be impacted as new technologies are implemented thereby taking the necessary steps toward ensuring that the change process occurs smoothly and with little resistance.</li> <li>9. Maintains the efficient functioning of data storage and processing functions by carrying out activities in accordance with security policies and best practices in cloud security.</li> <li>10. Performs other duties as assigned.</li> </ol>	
<b>Knowledge</b>	<ul style="list-style-type: none"> <li>▪ Knowledge of current cloud computing technologies and trends</li> <li>▪ Knowledge of current with industry trends</li> <li>▪ Excellent knowledge of cloud computing technologies and current computing trends.</li> </ul>

	<ul style="list-style-type: none"> <li>▪ Knowledge of technical architecture, business strategy, and management.</li> <li>▪ Knowledge of Java, Python, or C#</li> <li>▪ Knowledge of data storage and security foundations</li> <li>▪ Knowledge of cloud-specific patterns and technologies</li> </ul>
<b>Skills and Abilities</b>	<ul style="list-style-type: none"> <li>▪ Ability to communicate with teams and all stakeholders verbally and written.</li> <li>▪ Ability to display proficiency with Azure and Google Cloud technologies</li> <li>▪ Ability to guide teams with effective leadership</li> <li>▪ Skill in troubleshooting, problem solving and analytical techniques.</li> <li>▪ Skill in the client management area.</li> </ul>
<b>Minimum Experience and Training:</b>	<ul style="list-style-type: none"> <li>▪ Training as evidenced by an Undergraduate Degree from a recognized institution in Computer Science or similar related field such as Information Technology or Computer Engineering;</li> <li>▪ Minimum of 3-5 years of experience in supporting, executing, and designing IT cloud solutions.</li> <li>▪ Any suitable combination of qualifications and experience will be considered.</li> </ul>