

JOB TITLE: Solutions Architect**JOB SUMMARY:**

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.

The Solutions Architect would be responsible for the development of the technology solutions and mapping the business requirements to systems/technical requirements to ensure they are in line with the MDT's architectural plan. The solution architect ensures that applications are implemented in the most efficient and cost-effective manner. The Solution architect will also assure that the solution design is done in accordance to industry IT standard and meets MDT operational standards for compliance, security and availability.

REPORTS TO:**SUPERVISION GIVEN TO:****KEY RESPONSIBILITIES:**

1. Facilitates the alignment of the MDT's architectural plan by developing the technology solutions and mapping the business requirements to systems/technical requirements.
2. Executes the optimal performance of applications by ensuring the most efficient and cost-effective manner is used in its implementation and ensuring that the solution design is done in accordance to industry IT standard and meets MDT operational standards for compliance, security and availability.
3. Conducts the development and improvement of the system' architecture by carrying out architecture evaluations and collaborating with project management and IT development team.
4. Supports the ideology of continuous improvement by frequently researching and keeping up-to-date with emerging technologies and proposing changes to existing architecture.
5. Conducts the maintenance and improvement of projects by evaluating project constrains to find alternatives, alleviate risks, and perform re-engineering if required.
6. Conducts consults with management and engineering teams, by providing technical advice regarding business analysis, project management, IT architecture, infrastructure, cloud development, and software architecture design.
7. Executes activities to ensure the facts and details of projects and reporting are correct by actively applying and accurate representation of expertise prior to the distribution of technical solutions to end-users so that the project's/program's deliverable(s) will meet the needs of the stakeholders, legislation, policies, standards, and best practices.
8. Conducts checks to ensure the correct application of knowledge and expertise by verifying technical reference information or contributing to the development by reviewing user guides, training manuals, and system requirements.
9. Consults with Project/Programme Manager by providing feedback on IT operations and ongoing projects.
10. Facilitates the cultivation and maintenance of effective working relationships with a variety of stakeholders, including end-users, project managers, engineers and senior staff members by actively participating in multiple work-groups at one time and disseminating information across all levels of the organization.
11. Articulates and communicates information effectively to diverse audiences by translating subject

matter terminology into business terms, and recommending alternatives to both senior management and software developers as well as performs demonstrations in a variety of settings.
 12. Performs other duties as assigned

<p>Knowledge</p>	<ul style="list-style-type: none"> ▪ Knowledge of software development process and technical skills ▪ Knowledge of computer software, hardware and computer languages. ▪ Knowledge of developing IT and cloud infrastructure. ▪ Knowledge of of best practices regarding system security measures. ▪ Knowledge and advanced understanding of business analysis techniques and processes. ▪ Knowledge of various operating systems and database
<p>Skills and Abilities</p>	<ul style="list-style-type: none"> ▪ Ability to identify, test and manage risk; Risk Identification and Management skills. ▪ Ability to communicate with all stakeholders, by conveying and adapting to technical language and non-technical when necessary; ▪ Ability to manage and train staff for software projects and computer architecture projects in a team environment; ▪ Ability to keep projects on schedule and within budget; ▪ Ability to see the connections between layers of business operations and be analytical.
<p>Minimum Experience and Training:</p>	<ul style="list-style-type: none"> ▪ Training as evidenced by possession of an Undergraduate Degree from a recognized institution in Software Engineering, Computer Science, or related program. ▪ Minimum of 3 years of experience with network administration or information technology systems. ▪ Any suitable combination of qualifications or experience will be considered.