



TERMS OF REFERENCE

1. INTRODUCTION:

Post: Cloud Architect

Post Type: Permanent

(Initial contract shall be for a period of 1 (one) year. The contract may be extended or made permanent based on performance, upon successful completion of one year.)

Department: Cloud and Security Department

Division: Innovation and Technology Division

2. REPORTING RELATIONSHIPS:

The Cloud Architect shall report to the Manager, Cloud and CyberSecurity.

3. OVERALL RESPONSIBILITIES:

The Cloud Architect shall play a crucial role in designing, implementing, and maintaining cloud-based solutions to meet the strategic objectives of Pension Office.

The Cloud Architect shall be responsible for providing technical leadership in cloud-related initiatives. The Cloud Architect shall also be accountable for developing and executing cloud strategies, designing scalable and efficient cloud architectures, and ensuring the security, reliability, and performance of cloud solutions.

4. KEY RESPONSIBILITIES:

The Cloud Architect shall be responsible for the following tasks:

- Cloud Strategy and Planning:
 - Collaborate with stakeholders to understand business objectives and align cloud strategy accordingly.
 - Evaluate and recommend appropriate cloud services, providers, and deployment models based on business requirements.



- **Cloud Architecture Design:**
 - Design cloud-based solutions that align with industry best practices and standards.
 - Develop robust and scalable cloud architecture patterns for various application types.
 - Ensure high availability, fault tolerance, and disaster recovery in the cloud solutions.
- **Cloud Security:**
 - Establish and enforce cloud security policies, standards, and procedures.
 - Conduct regular security assessments and audits of cloud environments.
 - Implement and manage identity and access management (IAM) controls.
- **Cloud Infrastructure Management:**
 - Oversee the provisioning, configuration, and optimization of cloud resources.
 - Monitor cloud infrastructure performance and troubleshoot issues proactively.
 - Manage cloud-related costs and optimize cloud spending.
- **Cloud Governance:**
 - Define and enforce cloud governance policies and guidelines.
 - Monitor compliance with established cloud governance practices.
 - Ensure adherence to data privacy and regulatory requirements.
- **Collaboration and Leadership:**
 - Collaborate with cross-functional teams to drive cloud adoption and integration.
 - Provide technical guidance and mentorship to other IT team members.
 - Participate in architectural review meetings and guide decision-making processes.

5. MINIMUM QUALIFICATIONS AND EXPERIENCE:

- A bachelor's degree in Computer Science, Information Technology, or related field.
- A minimum of 2 years of proven experience in a related field.

OR

- A professional certification in Computer Science, Information Technology, or related field.
- A minimum of 5 years of proven experience in a related field.



6. DESIRED SKILLS AND COMPETENCIES

- Extensive experience in designing and implementing cloud solutions (e.g., AWS, Azure, Google Cloud).
- Proficiency in cloud architecture patterns, best practices, and cloud-native technologies.
- Strong knowledge of networking, security, and compliance in cloud environments.
- Familiarity with DevOps practices and CI/CD pipelines.
- Working knowledge of Jira.
- Should have a positive attitude, pleasant personality and strong interpersonal skills.
- Should maintain effective working relationships, respond well to stress and have strong work ethics.
- Ability to work independently and effectively with minimum supervision.


