JOB TITLE: WEB SOLUTIONS ARCHITECT
REPORTS TO: SENIOR APPLICATIONS PROGRAMMER
DEPARTMENT: APPLICATION SOLUTIONS
DIRECTORATE: E-GOVERNMENT SERVICES
SALARY SCALE: N/OF/N5
DURATION: 3 YEARS (RENEWABLE)

Purpose of the Job

To develop and/or enhance e-Government solutions and/or system interfaces and actively participate in implementation and testing, all with the aim of improving Government efficiency, decision making and productivity to improve service delivery to citizens.

Key Results Area/Accountabilities

- Determine and evaluate potential solutions, system specifications as well as requirements to meet the business requirements

- Provide application design recommendations based on long-term IT organizational business objectives.

- Design application interfaces and software services emphasizing the 'reuse' principle in consideration of future integration with other applications

- Develop clear and detailed programming instructions/code to solve organization/ business problems through automation support or business process re-engineering

- Develop and maintain technical design documents and blueprints for software solutions including specifications and architectural design diagrams

- Work closely with system developers in Government and participate in solution development, testing and implementation to ensure technical compatibility and user satisfaction.

- Support establishment, maintenance and management of Government websites, portals and other web based tools. This will include promoting usage through capacity building and training.

Qualifications

- Bachelor's degree in Software Engineering, Computer Science, Information Systems, Information Technology, Computer Engineering or its equivalent
- Professional/ Industry IT Certification such as ITIL, CCNA, CCNP, MCSE, OCA, etc. is an added advantage.

Skills/Competencies
- Hands-on full-stack development using modern programming languages and web frameworks/patterns such as; ASP.NET MVC, Python/Django, Ruby on Rails, PHP, Java and C# ;
- Database design, development and management
- An understanding of Service Oriented Architecture and system integration concepts such as web services and Application Programming Interfaces (APIs).
- Proficiency in Graphics Design and User Interface development;
- Soft skills like leadership, communication, writing, presentation, listening and interpersonal skills;
- Analytical and problem –solving skills;
- Effective organizational and Stakeholder Management skills;

Experience
- At least three (3) years of relevant working experience in a dynamic and reputable organization
- Minimum of two (2) years' experience in developing web applications with a focus on security and web development best practices.
- Experience in graphic design applications and Macromedia Flash is an added advantage.