



<b>Job Title</b>	<b>System Developer</b>
<b>Directorate</b>	<b>E-Government Services</b>
<b>Department</b>	<b>Business Transformation</b>
<b>Reporting to</b>	<b>Senior Systems Analyst</b>
<b>Salary Grade</b>	N5
<b>Jobs that report to this role</b>	N/A
<b>Job Purpose</b>	
To develop or enhance e-Government solutions and/or systems 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.	
<b>Key Accountabilities</b>	
<ul style="list-style-type: none"> <li>i. Design and develop application interfaces and software services emphasizing the 'reuse' principle in consideration of future integration with other applications</li> <li>ii. Support establishment, maintenance and management of Government websites, portals and other web based tools including mobile. This will include promoting usage through capacity building and training.</li> <li>iii. Provide application design recommendations to internal technical teams based on long-term IT organizational business objectives.</li> <li>iv. Perform assessment of internal work processes and automate the flow of selected internal processes.</li> <li>v. Develop clear and detailed programming instructions/code to solve organization/ business problems through automation support or business process re-engineering</li> <li>vi. Review source code and application architecture done by external consultants to ensure adherence to good programming practices.</li> </ul>	
<b>Position Requirements</b>	



### Education

- I. Minimum Bachelor's degree in Software Engineering, Computer Science, Information Systems, Information Technology, Engineering or its equivalent from a recognised university
- II. Understanding of web design frameworks/patterns such as DJANGO, CODEIGNITER, LARAVEL, DRUPAL as well as security, session management, and best development practices is required
- III. Knowledge of software version control platforms such as Git, Bit bucket is required.
- IV. Understanding of Object Oriented Design principles using any of the following programming languages: Python, PHP, C#, Java or Ruby.
- V. Professional/ Industry IT Certification in programming or database development is an added advantage.

### Experience

- i. At least three (3) years' experience in developing portals/websites using proprietary and open source tools for multiple platforms;

### Technical Expertise

- i. Demonstrate experience in graphic design applications and Macromedia Flash
- ii. Demonstrate hands-on development and delivery of agile web-based applications;
- iii. Demonstrate proficiency with content management systems and databases;

### Nature and Scope

Interpersonal Skills - *think about who the typical internal/external contacts are for the job and skills needed to manage these relationships* (e.g. presentation, communication, negotiation)

- i. Should be innovative, detail-oriented and possess excellent analytical and problem-solving skills

### Date Created

20/03/2019