

## ROLE PROFILE

<b>JOB TITLE</b>	<b>PROGRAMMER</b>
<b>COMPANY</b>	<b>SAHARA GROUP LIMITED</b>
<b>JOB GRADE</b>	<b>SUPERVISOR</b>
<b>LINE MANAGER</b>	<b>HEAD, BUSINESS INNOVATION</b>
<b>Purpose Statement:</b>	
The Programmer will employ creative imagination, modeling and information engineering to develop a system that satisfies both management and end-users in the most cost-effective and efficient way possible. He/she also debugs the system and ensures that it is error-free and may also be involved in support of the system subsequently	
<b>Key Deliverables</b>	
<ol style="list-style-type: none"> <li>1. Establish a detailed program specification through discussion with Business Analysts</li> <li>2. Design and develop both frontend and backend application programs to solve business problems</li> <li>3. Support, maintain and optimize existing applications</li> <li>4. Ensure proper documentation and backup of source codes on official repositories</li> <li>5. Conduct testing and deployment of program into production</li> <li>6. Write detailed documentation for the operation of the program by users and operators</li> </ol>	
<b>Knowledge/Skills:</b>	
<ol style="list-style-type: none"> <li>1. Proficient in HTML, CSS, PHP (Laravel and Code Igniter) and JavaScript (Angular, Ionic) with a good knowledge of their ecosystem</li> <li>2. Good knowledge of full stack application development</li> <li>3. Solid understanding of object-oriented programming</li> <li>4. Familiar with various design and architectural patterns</li> <li>5. Familiarity with concepts of RESTful API development and web security</li> <li>6. Have a penchant for designing functional and visually-appealing application user interfaces</li> <li>7. Ability to learn new tools and technologies</li> <li>8. Skill for writing reusable code libraries</li> <li>9. Possess a firm grasp of algorithms and data structures</li> <li>10. Understanding fundamental design principles behind a scalable application</li> </ol>	
<b>Minimum Qualification/ Experience:</b>	
<ol style="list-style-type: none"> <li>1. A degree from a reputable University (Minimum Second Class Upper).</li> <li>2. An Engineering bias will be an added advantage</li> <li>3. 3-5 years application development experience</li> <li>4. Experience building and integrating applications</li> <li>5. Experience with security-driven development</li> </ol>	
<b>Personality Traits:</b>	
<ol style="list-style-type: none"> <li>1. Candidates must be highly imaginative and open-minded</li> <li>2. Candidate must be result-oriented</li> <li>3. Candidate must possess strong interpersonal skills</li> <li>4. Candidate must be a strong communicator with ability to connect with people at all levels</li> <li>5. Candidate must be hardworking and one who thinks "out of the box"</li> <li>6. Candidate must be a self-starter and a team player with a proactive approach to work.</li> </ol>	
<b>Working Relationships</b>	
<ol style="list-style-type: none"> <li>1. Head of Technology</li> <li>2. Business Innovation Manager</li> <li>3. Application Developers</li> <li>4. Business Heads</li> <li>5. External stakeholders</li> </ol>	