བཀྲིས་བཟོ་རྟོན་བརྒྱུད་འཕྲེལ་ཚད་འཛིན།།

Person Specification

Job Title	Software Developer	Report to	Section Head
Department/Unit	Management Information System Department	Supervises	None

Purpose of the position:
Developer job is to write code for any system as required, involving databases and consumption of APIs. He/she has to be able to come up with effective solutions for business problems/ goals and be able to translate it into programming code.

Essential Qualification/Education	Desirable Qualification/education
Bachelors Degree in IT or any other ICT related degree (3 or 4 years courses) with demonstrated experience in software projects, methodology and development.	n/a

Essential experience	Desirable experience
• Be proficient in major programming languages and platforms and should be capable of developing software applications or mobile app either as a team or on one's own. • Demonstrated knowledge in one or more of the widely used programming languages like PHP, Java, Python, etc. • Strong understanding of agile software development cycle. • Strong understanding of the design principles of microservices architecture. • Ability to work independently and multi-task effectively • Demonstrated understanding of projects from the perspective of both client and business • Flexible and willing to accept change in priorities as necessary • Strong attention to detail	

Essential training	Desirable training

Job related skills and abilities

- Basic knowledge of Database/ PL/ SQL
- Proficient in PHP or Java and markup including HTML & CSS
- Should have working knowledge in at least one development framework like Laravel/ Zend/ CodeIgniter, etc.
- Should be well versed in JavaServer pages (JSP) & servlets and should have working knowledge in at least one development framework like Spring.

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- Proficient understanding of client-side scripting and JavaScript frameworks, including jQuery.
- Working knowledge in at least one JavaScript framework (jQuery, VueJS, Angular, React).
- Proficient in front-end framework like Bootstrap.
- Proficient in markup languages like XML and JSON.
- Sound knowledge of Responsive Design.
- Optimize software application for performance (speed, load time).
- Familiar with version control (Git, Subversion, etc.)
- Good knowledge of Database Design including Normalization and Optimization, and SQL queries.
- Knowledge in creation and consumption of SOAP / Restful APIs.
- Preferably, some knowledge of Linux operation systems and Linux commands.
- Preferably, knowledge in application deployment including web servers like Apache, Nginx.

Personal Attributes

- Must be ready to learn new technologies/ concepts as required.
- Must be passionate about programming.
- Must be a good team player and be able to communicate well with team members.
- Honesty and integrity
- Ability to work under pressure
- Analytical skills & brainstorming
- Imagining innovative solutions
- Interpersonal communication skills
- Self-learning

Other Requirements