

# Terms of Reference – Back-end Software Developer

# Details of the post

Post:	Back-end Software Developer
Required Number:	01
Duty Type:	Contract
Duration:	1 Year
Duty Type:	Flexible Working Hours
Place of Work:	Hulhumale' Hospital
Department:	Information System
Monthy Salary:	MVR 20,000.00

## Reporting Relationships

The Back-end Software Developer will report to the Head, IS Department. He/she will also work closely with other members of the IS team.

#### Responsibilities

- Writing well-designed and efficient code and develop applications needed for HMH.
- Documentation of code for in-house built applications
- Develop enhancements to existing software as well as design and develop new software.
- Collaborate with front-end developers and other teams to improve processes, implement best practices, and ensure software quality.
- Solve problems and innovate solutions on a daily basis.
- Deliver developed and tested software applications within the given deadlines.

# Qualifications and Experience

 A Bachelor's Degree or equivalent professional qualification in Software Engineering or Information Technology with minimum 3 years of experience in Software Development. Preferably web application development.



### Desired Skills and Work Experience

- Experience with back-end development framework and tools;
  - o Experience with an MVC framework Laravel (preferred) / Symfony / CakePHP.
  - o Experience with different languages such as Java, PHP, or python and Operating Systems.
  - o Knowledgeable in databases and data modelling, preferably MS SQL Server, MySQL, PostgreSQL.
  - o Thorough knowledge of software security concepts and performance optimization techniques.
  - o Experience in containerization tools such as docker (preferred) or Kubernetes
  - o Experience in unit testing techniques and Continuous Integration
- Experience with software engineering in general;
  - o A strong grasp of best practices, OOP, design and analysis patterns, software modelling (UML), testing, documentation, algorithm and data structures, version control using Git or SVN.
  - o Excellent knowledge of Business Analysis best practices and experience in adapting those to different environments o Experienced in requirement gathering, documenting and analysis.
  - o Comfortable both working within an existing code base and hand code from scratch.

#### Other Competencies

- Ability to work in teams, and individually with minimum supervision.
- Ability to manage time successfully, prioritize effectively and meet tight deadlines.
- Ability to work effectively under pressure.
- Strong interpersonal, and communication skills.
- Self-starter with a positive "can do" attitude.
- Results driven and pragmatic.
- Ability to take ownership and responsibility for quality.
- Project management skills.
- Ability to work in agile teams.