ISLAMIC UNIVERSITY OF MALDIVES

SOFTWARE DEVELOPER FOR

ISLAMIC UNIVERSITY OF MALDIVES

Islamic University of Maldives – IUM
⚲ Violet Magu, Henveiru, Male' City , 20037
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درُوِرِيَّرْدَدۍِيّ مِسْوَدُّو مَّسِرِوَمَرِسِجِ
جامعة الملديف الإسلامية
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TERMS OF REFERENCE

TITLE: SOFTWARE DEVELOPER

SUMMARY

Islamic University of Maldives is seeking a qualified and experienced Software Developer. This candidate's primary responsibility shall be to carryout works in the creating of new systems and enhancements to existing systems from requirement analysis of concept to launch as part of a cross-functional project. This includes designing, implementing, and testing solutions that result in compelling, easy to use systems.

ESSENTITAL DUTIES AND RESPONSIBILITIES

- To develop software to requirements of the departments by analyzing information needs; conferring with users; studying systems flow, data usage, and work processes; investigating problem areas; following the software development lifecycle.

- Develop features across multiple subsystems within our applications, including collaboration in requirements definition, prototyping, design, coding, testing and deploying programs and systems

- Identifying areas for modification in existing programs and subsequently developing these modifications

- Understand how applications are operated, structured, and users use them

- Investigate, analyze and make recommendations to management regarding technology improvements, upgrades and modifications

- Determining operational practicality by evaluating analysis, problem definition, requirements, solution development, and proposed solutions.

- Documents and demonstrates solutions by developing documentation, flowcharts, layouts, diagrams, charts, code comments and clear code.

- Prepares and installs solutions by determining and designing system specifications, standards, and programming.

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- Stay plugged into emerging technologies/industry trends and apply them into operations and activities
- Provides information by collecting, analyzing, and summarizing development and service issues.
- Maintaining, improving and upgrading existing systems

EDUCATIONAL QUALIFICATION

Bachelor's degree in Software Engineering, Computer Science, Information Technology, or similar technical discipline.

SPECIFIC KNOWLEDGE

- Experience as a software developer; demonstrated success developing a variety of software systems while taking on increasing responsibility for analysis, design, implementation and deployment tasks.

- Experience in developing data-driven application utilizing significant relational database engines as part of the overall application architecture

- Experience in building web-based software systems, utilizing dynamic content, highly-scalable approaches, and complex security models / implementations.

- Familiar with server operations.

- Proficiency developing and troubleshooting complex software systems that run in mixed-environments including Linux, Unix and/or Windows on desktop, server, tablet, and mobile systems

- Able to develop/code a fully functional system in a short period of time.

- Developer should be responsible for maintaining, improving and upgrading existing systems / web application of the university.

- Experience in planning and delivering software platforms used across multiple products and organizational units

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➢ Must have a strong understanding of UI, cross-browser compatibility, general web functions and standards

REQUIRMENTS

➢ Developer should be based in Islamic University of Maldives main office.

➢ Training of user's

ADDED ADVANTAGE

- Experience with any or all of the following highly desirable:
  - HTML/XHTML, HTML5, CSS, CSS3, JavaScript, JQuery
  - Server architecture, Web Programming Skills, E-Commerce, cross-browser compatibility, Web User Interface Design (UI), Security Principles, Object-Oriented Design, Web Services (REST/SOAP), Multimedia Content Development, API's.
  - Experience with server-side frameworks such as Python, Ruby, PHP, Java, ASP, ASP.NET
  - Experience with database systems such as SQL and Oracle

➢ Strong programming background with knowledge in modular based programming and use of emerging trends

➢ Good graphics skills and knowledge in UI design to improve usability

➢ Mobile Application Development skills for both IOS and Android

➢ Working knowledge of REST/RESTFUL API's

➢ Knowledge in full software development cycle including project formulating, version control and maintenance after deployment

➢ Project Management Skills – Good planning, scheduling, and analytic skills

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- Good writing skills in English

- Preferences would be given to individuals with demonstrated skills in implementing unit testing and integration testing

PERSONAL SKILLS & COMPETENCIES

- Strong commitment and willing to work outside normal working hours when required.

- Strong interpersonal skills.

- Ability to asses and communicate issues clearly.

- Strong problem-solving skills.

- Attention to detail.

- Strong time management skills.

- Ability to work under pressure and deliver project objectives.

EXPECTED INPUTS AND SERVICES BY THE DEVELOPER

- Fulfill the milestones in the contract

- Consult with stakeholders at various stages of development and ensure their requirement is fulfilled

- Communicate complications in the assigned works

- Communicate with senior management team and ICT section regarding work arrangements as necessary.

DURATION AND COMMENCEMENT OF SERVICES

Successful candidate will be contracted for a period of 2 year, with potential renewal of contract based on performance and organizational need, the duration of which will be negotiated with the individual.

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REMUNERATION

Basic Salary: MVR 11374.40/-

Service allowance: MVR 4874.74/-

Mobile Allowance: MVR 500/-

REPORTING REQUIREMENT

- Report directly to the System Administrator.
- The software developer should report to work on weekdays from 0900 – 1600 hours, other than public holidays.

CRITERIA FOR EVALUATION

An evaluation based on the following percentages will be conducted to determine the most suitable applicant.

1. Education (40%)
2. Related Experience (40%)
3. Interview (20%)

FACILITIES TO BE PROVIDED

A workstation from the Islamic University of Maldives with equipment including a computer/laptop for telecommunication services, and printing, photocopying, and scanning services.

CONTENTS OF JOB APPLICATION

- ➢ The job applications should comprise the following documentation and late submission of any of the documents will not be accepted:

  - o Cover Letter for Expression of Interest.

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- o   Copy of Identification Card

- o   Copies of academic certificates (Accredited)

- o   CV including information that demonstrates that the candidate is qualified to undertake the scope of work.

- o   Copies of reference produced by previous employer

- o   Job application form

ADDITIONAL NOTES

- Interested candidates, please apply for the position via the online form link given below.
  - ▪   http://ium.to/post
- Please attach your Job Application Form, accredited copies of your qualification (for foreigners, qualification submitted must be attested by the foreign ministry of the qualification holder's country), employment letter from past and present employer (including the duration of employment), copy of ID card/passport, and CV along with the online form.
- Please find the job application form in the following links
  - o   Form for Locals: ium.to/appliformdhi
  - o   Form for expatriates: ium.to/appliformeng

FURTHER INFORMATION

Further information will be provided upon request through email to hr@ium.edu,mv

DUE DATE:

17th January 2022, 12:00PM (Maldives time)