

وَج وُ د وَبر بـ وَم

سَرَسُوْهَ کُر (IUL)94-HRTS/94/2023/41: سَرَسُوْهَ کُر

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ره و و مرود عام رسم و درود من المردد من المرد ישר מילית הפתם הית ליתפת של פתם "שפנים ב ת פל עם בעובע עב בתבמע עות פש ورود و مر در ساس مورج مر در دور دور و در دور و در دور دور دورد دور تر در عرسون مروع د تري ביירו ל מל אם את צפלעת התצוב התנכל לתעתית פני. תתשפה שבת יר מיני יו לא לא ברת מעל בת לעם במע ב בעת מעל לפת מעל ב בת תת פת לפים. • ردونر برام ما ما مار • وَكُونِ وْبُ رِدِوْكُ سُمَاسٌ وَنُونَ (وَوْسَرُهُ 1 وَسُرَ وَسُرَى وَوْ وَرِيْر: 3330411 رَبِير 3330412 سَرَيْرَةَ يُرْ jobs@immigration.gov.mv - ورود

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Maldives Immigration

Male, Maldives

Title: Consultant Software Architect

MALDIVES IMMIGRATION requires the services of a software developer to act as an independent Software Architect Consultant. As an Consultant Software Architect, your roles and responsibilities will encompass a wide range of tasks related to designing and implementing comprehensive information and communication technology solutions at Maldives Immigration.

The Scope of Work:

1. Requirements Analysis:

- Collaborate with all stakeholders, and end-users to understand their business needs, goals, and requirements.
- Conduct thorough analysis of existing systems, infrastructure, and processes.

2. Solution Design:

- Develop high-level and detailed designs for information and communication technology solutions that align with business objectives.
- Create system architecture, considering scalability, security, performance, and integration requirements.
- Design data models, application interfaces, and system components.

3. Technology Evaluation:

- Evaluate and recommend technologies, tools, and platforms that best fit the requirements of the solution.
- Stay informed about emerging trends and advancements in information and communication technologies.

4. Collaboration and Communication:

- Work closely with cross-functional teams, including developers, system administrators and the management.
- Communicate complex technical concepts to non-technical stakeholders.

5. Project Planning and Oversight:

- Contribute to project planning by providing technical input, estimating effort, and defining milestones.
- Manage and implement projects using standard project management tools and workflows.



• Oversee the implementation of the solution to ensure it aligns with the architectural vision.

6. Risk Management:

- Identify potential risks related to the technology architecture and propose mitigation strategies.
- Incorporate and communicate information security best practices
- Ensure compliance with industry standards, regulations, and best practices.

7. Software Development:

- Develop complete full-stack web, mobile and desktop applications independently or as part of a team
- Develop and integrate security products with existing or new software
- Design and implement and maintain TDD & DevOps practices for streamlined software development and deployment processes.
- Develop prototypes and proof-of-concept implementations to validate architectural decisions.
- Conduct performance testing and optimization as needed.

8. Documentation:

- Create and maintain comprehensive documentation of the solution architecture, design decisions, and implementation details.
- Provide documentation for end-users and technical teams.

9. Continuous Improvement:

- Participate in post-implementation reviews to identify areas for improvement.
- Foster a culture of continuous improvement within the technology team.

10. Training and Mentoring:

- Provide guidance, training, and mentorship to development teams.
- Stay informed about industry best practices and share knowledge with team members.

Deliverables:

The candidate should submit internationally accepted certificates, that relates to ICT and Cyber Security.

- 1. Documentation: Where applicable user and developer documentations should be provided for all projects developed.
- 2. Source Code: Source code of all developed application should always be maintained in software repositories specified by Maldives Immigration.



- 3. Presentation: Presentations related to ongoing projects should be made available upon request.
- 4. Reports: Any reports requested by Maldives Immigration should be made available upon request.

Education:

The candidate should submit internationally accepted certificates, that relates to ICT, Software Development / Information Security.

Experience:

- 1. The ideal candidate for this job must have minimum 7 years of work experience.
- 2. Have in-depth knowledge and hands on experience of industry standards and software technologies.
- 3. The candidate must have at least an year of ICT management level experience. Experience providing guidance, training, and mentorship to development teams.
- 4. The candidate must have a basic understanding of eGov infrastructure. Previous experience in design and development of a government software is a plus.
- 5. Proven experience in conducting comprehensive requirements analysis with stakeholders and write precise requirement specifications.
- 6. Proven experience in conducting comprehensive requirements analysis with stakeholders and end-users. Expertise in evaluating existing systems, infrastructure, and processes to identify improvement opportunities.
- 7. Proficiency in developing and integrating robust authentication mechanisms and hardware security products with software applications.
- 8. Experience providing documentation for both end-users and technical teams.
- 9. Knowledge of designing and implementing DevOps practices for streamlined software development and deployment processes.
- 10. Must have excellent command of the spoken and written language. (English and Dhivehi)
- 11. Must have extensive experience in designing, developing full-stack web, mobile, and desktop applications independently or as part of a team.
- 12. Experience in the following technologies:
 - 1. Strong knowledge of RDMS: Microsoft SQL Server, MySQL, Oracle
 - 2. Experience in In-Memory Databases: Redis, MongoDB
 - 3. Backend Development with PHP, Laravel, Javascript, Go and Dart



- 4. Frontend Development with React, Flutter and Livewire
- 5. Scripting languages: Bash, Python
- 13. The candidate should have experience in deployment and administration of systems using:
 - 1. VMWare VSphere
 - 2. AWS
 - 3. Bare Metal Servers (NIX based)
 - 4. Network & Object Storage
 - 5. Network & Systems Firewalls
 - 6. Docker / Podman