

Ministry of Planning and International Cooperation - Ministry of Social and Development

Support to Resilient and Sustainable Social Protection Program in Jordan

(Senior Backend .NET Developer)

Terms of Reference

1. Background

The Government of Jordan, through the Ministry of Social Development (MoSD) and in coordination with the Ministry of Planning and International Cooperation (MoPIC), is implementing the Support to Resilient and Sustainable Social Protection Program (SRSSP). Aligned with Jordan's National Social Protection Strategy and Economic Modernization Vision, the SRSSP aims to enhance the shock-responsiveness, efficiency, and overall sustainability of the country's social protection safety net.

As part of this initiative, MoSD is executing key digital transformation strategies to modernize national social protection frameworks, enhance system interoperability, and streamline digital service delivery. To build, optimize, and maintain the enterprise-level web applications and management information systems driving these reforms, MoSD requires the services of a qualified ASP.NET Core MVC Developer / Software Developer. The developer will join the technical team to translate functional requirements into reliable, secure, and user-friendly software applications.

2. Position Title & Objectives:

The ASP.NET Core MVC Developer will be responsible for developing, enhancing, and maintaining web-based applications and information systems using Microsoft .NET technologies. The role involves translating business and functional requirements into reliable, maintainable, and user-friendly software solutions while contributing to the continuous improvement of existing systems.

3. Educational Qualifications:

- Bachelor's degree in Computer Science, Software Engineering, Computer Information Systems, Information Technology, or a related field.

4. Professional Experience:

- **3-5 years of relevant professional experience** in software and web application development.

- Proven hands-on experience in developing applications using **ASP.NET Core MVC and C#**.
- Experience in developing and maintaining enterprise-level web applications.
- Experience in working with relational databases, preferably **Microsoft SQL Server**.
- Experience in maintaining, enhancing, and troubleshooting existing software applications.
- Previous experience in large-scale information systems is considered an advantage.

5. Required Technical Skills

The candidate should demonstrate strong knowledge and practical experience in:

- C# and .NET / .NET Core.
- ASP.NET Core MVC.
- Entity Framework Core.
- Microsoft SQL Server.
- HTML5, CSS3, JavaScript, Bootstrap, and jQuery.
- Razor Views and Razor Syntax.
- RESTful APIs and Web APIs.
- JSON and integration with external systems and services.
- Object-Oriented Programming (OOP).
- Software development best practices and clean coding principles.
- Visual Studio development environment.
- Debugging, troubleshooting, and application performance optimization.

6. Key Responsibilities

The selected candidate will be responsible for:

- Developing and maintaining web-based applications using ASP.NET Core MVC.
- Analyzing business and functional requirements and translating them into technical solutions.
- Developing new system functionalities and enhancing existing applications.
- Designing and implementing application components and database-related functionality.
- Developing responsive and user-friendly web interfaces.
- Developing and integrating APIs and external services.
- Identifying, troubleshooting, and resolving software issues.
- Conducting application testing and ensuring the quality of developed functionalities.
- Improving application performance, reliability, and maintainability.
- Participating in system analysis, design, development, testing, and implementation activities.
- Preparing and maintaining appropriate technical documentation.
- Collaborating with technical teams, business users, and other stakeholders.
- Providing technical support for developed applications when required.
- Performing other software development tasks related to the scope of work.

7. Core Competencies

The candidate should demonstrate:

- Strong analytical and problem-solving skills.
- Ability to understand complex business requirements and translate them into software solutions.
- Strong attention to detail and commitment to software quality.
- Ability to work independently as well as within a team.
- Good communication and interpersonal skills.
- Ability to manage priorities and meet deadlines.
- Good technical documentation skills.
- Commitment to professional standards and continuous learning.

8. Preferred Qualifications

The following will be considered an advantage:

- Experience with ASP.NET Core Web API.
- Experience with modern JavaScript frameworks such as Angular or React.
- Experience with Git, GitHub, GitLab, or Azure DevOps.
- Experience in developing dashboards and reporting solutions.
- Experience in system integration and API-based solutions.
- Experience with workflow-based applications.
- Experience in government digital services or enterprise information systems.
- Knowledge of Agile software development methodologies.

9. Expected Deliverables

The developer is expected to deliver:

- Functional, reliable, and maintainable web applications.
- Well-structured and documented source code.
- New functionalities and enhancements according to approved requirements.
- Resolution of identified software issues and defects.
- Technical documentation for developed applications and components.
- Tested software components ready for deployment and operational use.

10. Duration of Assignment:

- The contract duration: till the end of April 2027, with renewal subject to performance and funding availability.
- Duty Station / Location: Ministry of Social Development (MoSD) **OR** Ministry of Digital Economy And Entrepreneurship (MODEE) - Amman, Jordan. It will be determined later.
- Probationary Period: The contract includes an initial probationary period of three (3) months.