

TERMS OF REFERENCE

Post : Software Developer

Post Type: Permanent

Department: Corporate Services

1. SCOPE OF THE WORK

The Software Developer will be responsible for developing and maintaining in-house software solutions as per the Institute's requirements. This includes but is not limited to:

a. Application Development

- Develop web applications and systems
- Build both front-end and back-end components of applications
- Create responsive and user0friendly interfaces
- Implement secure and efficient server-side functionality

b. Database & API Development

- Design and maintain databases for various applications
- Develop APIs for system integrations and data exchange
- Ensure data security and integrity

c. System Maintenance & Support

- Provide ongoing maintenance and updates for deployed applications
- Debug and resolve technical issues promptly
- Implement security patches and performance improvements

d. Integration & Deployment

- Integrate applications with existing Institute's systems where required
- Deploy applications to production environments
- Ensure smooth operation of deployed systems

e. Documentation & Collaboration

- Document code and technical specifications
- Collaborate with team members and stakeholders
- Provide regular progress updates to supervisors
- Participate in code reviews and technical discussions

2. KEY DELIVERABLES

- Fully functional applications and systems as ass
- Clean, maintainable, and well-documented code
- Technical documentation for developed systems
- Regular progress reports and updates
- User guides and training materials when required

3. QUALIFICATIONS AND EXPERIENCE

- Masters degree (MQA level 9) or equivalent from Software Engineering, Computer Science, Information Technology or a related field, with proven experience in developing and deploying web applications,
OR
- Bachelors degree (MQA level 7 or 8) or equivalent from Software Engineering, Computer Science, Information Technology or a related field, with minimum of 4 years of professional experience in Full-Stake Development, with proven experience in developing and deploying web applications,
- Experience with government or institutional projects is an advantage

4. TECHNICAL SKILLS

Required

- Proficiency in NET
- Proficiency in backend C#3
- Experience with Microsoft SQL Server (MSSQL)
- Experience with atleast one modern JavaScript framework (React, Vue.js, or Angular)
- Strong knowledge of database systems (MySQL, PostgreSQL, or MongoDB)
- Experience with API development and integration
- Familiarity with version control systems (Git)
- Understanding of cloud platforms (Aws, Azure, or Google Cloud)

Preferred

- Experience with responsive web design
- Knowledge of security best practices

- Familiarity with DevOps and deployment process
- Experience with testing frameworks

5. SOFT SKILLS

- Strong problem-solving abilities
- Good communication skills
- Ability to work independently and follow instructions
- Team player with collaborative mindset
- Ability to learn new technologies quickly
- Strong attention to detail

6. REMUNERATION

Total Salary:	MVR 25,750.00
Basic Salary:	MVR 9,250.00
Service Allowance:	MVR 230.00 per attended day
Attendance Allowance:	MVR 320.00 per attended day

Post: Assistant Software Developer
Post Type: Permanent
Department: Corporate Services

1. SCOPE OF THE WORK

The Assistant Software Developer will be responsible for developing, maintaining, and supporting in-house software solutions in accordance with the Institute's requirements. This includes, but is not limited to:

a. Application Development

- Develop and maintain web applications and systems
- Build and support both front-end and back-end components of applications
- Create responsive and user-friendly interfaces
- Implement secure and efficient server-side functionality
- Develop software features and functionalities based on the Institute's requirements

b. Database & API Development

- Design and maintain databases for various applications
- Develop and maintain APIs for system integrations and data exchange
- Ensure data security and integrity

- Support database optimization and performance improvements

c. System Maintenance & Support

- Provide ongoing maintenance and updates for deployed applications
- Debug and resolve technical issues promptly
- Identify and fix software bugs and system errors
- Implement security patches and performance improvements
- Provide technical support related to in-house software applications and systems

d. Integration & Deployment

- Integrate applications with existing Institute's systems where required
- Assist with the deployment and updating of applications in production environments
- Conduct testing of software applications and system updates prior to deployment
- Ensure the smooth operation and functionality of deployed systems

e. Documentation & Collaboration

- Document code and technical specifications
- Collaborate with team members and stakeholders
- Provide regular progress updates to supervisors
- Participate in code reviews and technical discussions

2. KEY DELIVERABLES

- Fully functional applications and systems as ass
- Clean, maintainable, and well-documented code
- Technical documentation for developed systems
- Regular progress reports and updates
- User guides and training materials when required

3. QUALIFICATIONS AND EXPERIENCE

- Bachelors degree (MQA level 7 or 8) or equivalent from Software Engineering, Computer Science, Information Technology or a related field, with proven experience in developing and deploying web applications,
- Experience with government or institutional projects is an advantage

4. TECHNICAL SKILLS

Required

- Proficiency in NET
- Proficiency in backend C#3
- Experience with Microsoft SQL Server (MSSQL)
- Experience with atleast one modern JavaScript framework (React, Vue.js, or Angular)
- Strong knowledge of database systems (MySQL, PostgreSQL, or MongoDB)
- Experience with API development and integration
- Familiarity with version control systems (Git)
- Understanding of cloud platforms (Aws, Azure, or Google Cloud)

Preferred

- Experience with responsive web design
- Knowledge of security best practices
- Familiarity with DevOps and deployment process
- Experience with testing frameworks

5. SOFT SKILLS

- Strong problem-solving abilities
- Good communication skills
- Ability to work independently and follow instructions
- Team player with collaborative mindset
- Ability to learn new technologies quickly
- Strong attention to detail

6. REMUNERATION

Total Salary:	MVR 21,100.00
Basic Salary:	MVR 8,500.00
Service Allowance:	MVR 170.00 per attended day
Attendance Allowance:	MVR 250.00 per attended day