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NEXT MED

ReTour

Platform Development & QA Engineer

ReTour Project – WP3 Innovation Hub Support

Jordan University of Science and Technology (JUST), within the framework of the ReTour Project funded under the Interreg NEXT MED Programme, is seeking to recruit a motivated Platform Development & QA Engineer to support the implementation and follow-up of the ReTour-MED Innovation Hub under Work Package 3 (WP3).

The selected candidate will work closely with the project team and the external IT contractor company responsible for developing the ReTour interactive online platform. The role aims to support the technical implementation process, contribute to platform development activities, participate in quality assurance and testing, and ensure continuity and sustainability of the platform through active technical involvement and knowledge transfer.

The selected candidate is expected to become an active contributor throughout the platform development lifecycle and gain deep understanding of the platform architecture, modules, workflows, integrations, and future scalability requirements.

Main Responsibilities

The selected candidate will contribute to and follow up on the development of the interactive online platform designed to facilitate collaboration among tourism SMEs, technology providers, researchers, and policymakers across the Mediterranean region.

Responsibilities include:

- DAILY following up on the technical development and implementation progress of the platform in coordination with the project team and the external contractor.
- Contributing to the development and implementation of user-friendly and secure platform functionalities, including collaboration tools, document sharing, discussion forums, and virtual interaction features.
- Participating in discussions related to the web application, platform services, pilot integration, and technical modules developed within the project.



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- Supporting the technical design, integration, testing, and future deployment of intelligent platform services, including AI-assisted recommendation, contextual decision-support, personalization, and other services associated with the ReTour Innovation Hub and ResilBot ecosystem
 - Assisting in quality assurance (QA), testing, validation, and debugging activities throughout the implementation phases.
 - Following up on technical updates and improvements discussed during consortium coordination meetings.
 - Supporting platform sustainability by maintaining technical knowledge of the system architecture and implementation details to facilitate future updates and modifications when needed.
 - Assisting in user engagement activities, onboarding support, webinars, and interaction facilitation.
 - Supporting integration of reports, best practices, case studies, innovation tools, and co-development activities into the platform environment.
 - Enforce and follow up on all aspects of needed implementation of the platform and the discussions (at all levels and all involved teams) that guarantee its quality as needed.
 - Supporting the technical assessment, integration, testing, and future implementation of mobile applications and immersive technologies, including Augmented Reality (AR), Mixed Reality (MR), Virtual Reality (VR), location-based services, and other digital tourism solutions that may be adopted within the ReTour pilot activities and Innovation Hub ecosystem.
 - Assisting in the implementation, integration, and validation of smart tourism pilot services, including digital heritage experiences, location-aware services, reusable digital assets, and AI-supported tourism package customization tools developed within the project



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Required Qualifications

- Background in Computer Science, Software Engineering, Information Technology, or related fields.
- Good knowledge of web development technologies and modern web applications.
- Understanding of **web application architectures** (frontend/backend, APIs, databases).
- Familiarity with databases, APIs, web services, and platform development concepts.
- Knowledge of **user authentication & security** best practices (GDPR compliance, role-based access control, SSL, etc.).
- Experience with QA testing, debugging, or collaborative platforms is an advantage.
- Ability to communicate effectively with technical and non-technical teams.
- Strong organizational, technical follow-up, and problem-solving skills.
- Familiarity with modern AI technologies, including Large Language Models (LLMs), AI agents, recommendation systems, knowledge graphs, retrieval-augmented generation (RAG), or related intelligent service architectures, is considered an advantage
- Experience with immersive technologies, including Augmented Reality (AR), Mixed Reality (MR), Virtual Reality (VR), digital heritage applications, smart tourism solutions, or related interactive technologies is highly desirable. Candidates without direct AR/MR implementation experience must demonstrate a strong willingness and technical capability to rapidly acquire, implement, and support such technologies if required by the project pilots and future platform extensions.

Contract Duration

The initial contract duration is four (4) months, with the possibility of extension based on project needs, implementation progress, consortium decisions, and the technical requirements of subsequent project phases, including WP4 pilot activities. Particular consideration will be given to the candidate's ability to support the development, integration, testing, and deployment of advanced mobile and immersive technologies,



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including AR, MR, VR, location-aware services, digital heritage applications, and other innovation-driven tourism solutions that may be selected for pilot implementation.

A competitive salary package will be offered based on qualifications, technical skills, and experience.

Deadline

The deadline is June 17. All applications should include your CV and a link to the portfolio if exists and must be sent to the email: retourjo.nextmed@gmail.com

Only shortlisted candidates will be contacted for interviews and further technical discussions regarding the detailed scope of work and contractual arrangements.