

Job Title: Corporate IT Architect IO0977

Req ID **1802** - Posted **10/06/2020** - (France, 13067 St Paul Lez Durance Cedex) - **Business Operations - New Posting**

The ITER Organization brings together people from all over the world to be part of a thrilling human adventure in southern France—building the ITER Tokamak. We require the best people in every domain.

We offer challenging full-time assignments in a wide range of areas and encourage applications from candidates with all levels of experience, from recent graduates to experienced professionals. Applications from under-represented ITER Members and from female candidates are strongly encouraged as the ITER Organization supports diversity and gender equality in the workplace.

Our working environment is truly multi-cultural, with 29 different nationalities represented among staff. The ITER Organization Code of Conduct gives guidance in matters of professional ethics to all staff and serves as a reference for the public with regards to the standards of conduct that third parties are entitled to expect when dealing with the ITER Organization.

The south of France is blessed with a very privileged living environment and a mild and sunny climate. The ITER Project is based in Saint Paul-lez-Durance, located between the southern Alps and the Mediterranean Sea—an area offering every conceivable sporting, leisure, and cultural opportunity.

To see why ITER is a great place to work, please look at this video

Application deadline: 22/07/2020

Domain: Corporate

Division: Information Technology

Section: IT Application and Development

Job Family: Organizational Support

Job Role: Functional Officer - 2

Job Grade: P3

Language requirements: Fluent in English (written & spoken)

Contract duration: Up to 5 years

Purpose

As a Corporate Information Technology (IT) Architect, you will be responsible for the development of the strategic direction and technical aspects of the IT applications architecture, IT data architecture and IT interfaces architecture. You will organize how the IT solutions communicate with each other to support effective IT development environment, streamlined communication between various IT teams, seamless user experience and overall data consistency.

Background

The IT Division is implementing best practices to manage its internal processes to provide services and assure compliance in the ITER Organization (IO) and its Project partners. With approximately 2500+ IT users scattered in 10+ buildings in the ITER campus, this position will contribute to the efficiency of the IO IT users.

The IT Division has strong IT Project Management culture. Prince 2 is the reference framework for developing and maintaining IT solutions.

The Information Technology Application and Development Section (ITAD), which is part of the IT Division has three primary functions: (1) administration, configuration and customization of enterprise solutions and tools in business, engineering, construction and operations domains; (2) creation, maintenance and evolution of ITER collaborative tools, websites and intranets; and (3) in-house custom application software development on demand.

Major Duties/Roles & Responsibilities

- Develops, coordinates and participates in activities related to the evolution and maintenance of IT application architecture, IT data architecture and IT interfaces architecture defining necessary technical roadmap;
- Leads continuous improvement in IT architecture to increase efficiency and reduce costs;
- Proposes strategic direction for technical choices to adapt to an environment in constant evolution according to project needs, adjusting projects and schedule with defined budget and priorities;
- Supports the IT Systems specifically within the corporate domain (SAP, SuccessFactors, Primavera, COBRA, e-Procurement, etc.);
- Integrates the ITER Organization workflows and data with respect to IT solutions and assures data consistency, legal and security compliance and workflow consistency across different IT systems;
- Provides technical advice, fixes technical issues and assists various development on IT projects;
- Gathers and documents technical requirements based on systems' analysis and users' requests, for an efficient implementation and seamless user experience;
- Enhances the development and implementation of high standards and best IT practices for IT applications architecture, IT data architecture and IT interfaces architecture;
- Participates in standard IT processes for project and service delivery;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- May be required to work outside ITER Organization reference working hours, including nights, weekends, and public holidays.

Measure of Effectiveness

- Ensures the evolution and maintenance of the IT architectures by demonstrating continuous and steady yearly improvements in respect with legal and security requirements;
- Effectively and efficiently manages the resolution of incidents, technical , problems, user service requests and requests for change;
- Successfully manages various IT projects within agreed scope, cost, and deadline;
- Assures alignment between ITER projects' implementation and IO objectives.

Experience & Profile

- **Professional Experience:**
 - At least 8 years' experience in IT with strong experience in IT architecture.
- **Education:**
 - Master's degree or equivalent in computer science field or other relevant discipline.
 - The required education degree may be substituted by extensive professional experience involving similar work responsibilities and/or additional training certificates in relevant domains.
- **Language requirements:**
 - Fluent in English (written and spoken).
 - Experience writing specifications, reports, and making oral presentations in English.
- **Technical Competencies and demonstrated experience in:**
 - Competence in modern software architectures and API design is required;
 - Data modeling, data warehousing and data hubs is required;
 - Process automation, messaging systems, data integration and web services is required;
 - Working with legacy code through continuous improvement, refactoring, and technology migration is advantageous;
 - Programming techniques and languages is advantageous;
 - Best practices for developing secure software is advantageous;
 - Software life-cycle tools and procedures like Agile Scrum or Kanban is advantageous;
 - Project management and/or IT service management certifications (PRINCE 2, ITIL or equivalent) are advantageous.
- **Behavioral Competencies:**
 - Collaborate: ability to facilitate dialogue with a wide variety of contributors and stakeholders.

- Communicate Effectively: ability to adjust communication content and style to deliver messages to work effectively in a multi-cultural environment.
 - Drive results: ability to persist in the face of challenges to meet deadlines with high standards.
 - Manage Complexity: ability to analyze multiple and diverse sources of information to understand problems accurately before moving to proposals / solutions. Instill trust: ability to apply high standards of team mindset, trust, excellence, loyalty, and integrity.
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The following important information shall apply to all jobs at ITER Organization:

- Maintains a strong commitment to the implementation and perpetuation of the ITER Safety Program, ITER Values (Trust; Loyalty; Integrity; Excellence; Team mind set; Diversity and Inclusiveness) and Code of Conduct;
- ITER Core technical competencies of 1) Nuclear Safety, environment, radioprotection and pressured equipment 2) Occupational Health, safety & security 3) Quality assurance processes. Knowledge of these competencies may be acquired through on-board training at basic understanding level for all ITER staff members;
- Implements the technical control of the Protection Important Activities, as well as their propagation to the entire supply chain;
- May be requested to work on beryllium-containing components. In this case, you will be required to follow the established ITER Beryllium Management Program for working safely with beryllium. Training and support will be provided by the ITER Organization;
- May be requested to be part of any of the project/construction teams and to perform other duties in support of the project;
- Informs the IO Director-General, Domain Head, or Department/Office Head of any important and urgent issues that cannot be handled by line management and that may jeopardize the achievement of the Project's objectives.