



Food and Agriculture Organization of the United Nations

Vacancy Announcement No: IRC5781

Issued on: **24 September 2018**
Deadline For Application: **15 October 2018**

Position Title:	Information Technology Officer	Grade Level:	P-2
		Duty Station:	Italy, Rome
Organizational Unit:	Digital and Information Technology Division, CIO	Duration *:	Fixed term: two year with possibility of extension
		Post Number:	1046179
		CCOG Code:	1A05

The length of appointment for internal FAO candidates will be established in accordance with applicable policies pertaining to the extension of appointments

- [Qualified female applicants and qualified nationals of non-and under-represented member countries are encouraged to apply.](#)
 - [Persons with disabilities are equally encouraged to apply.](#)
 - [All applications will be treated with the strictest confidence.](#)
 - [The incumbent may be re-assigned to different activities and/or duty stations depending on the evolving needs of the Organization.](#)
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Organizational Setting

The Information Technology Division (CIO) is responsible for all IT activities within the Organization.

The IT Division performs on behalf of the Organization the following critical roles: defining FAO IT policies and providing strategic advice on IT architecture and standards, governance, policy and operational matters while monitoring organizational compliance; defining the mechanisms for managing FAO's information and data; protecting FAO's information assets and ensuring confidentiality, integrity and availability; ensuring provision of IT services that are core for the Organization's global operations and supporting the information and business processes; coordinating organization-wide IT activities in order to reduce duplication and fragmentation and to increase integration of information data, systems and platforms, mobilizing IT resources from across the Organization.

Reporting Lines

The Information Technology Officer reports to a senior Information Technology Officer under the overall supervision of the Director.

Technical Focus

The incumbent will lead the design of real-time reporting and predictive analytics in response to the needs by the Organization, managing different Data-Warehouse and Analytic technologies, focusing on reporting and visualization platforms, design, implement, and manage the deployment of a self-service data visualization platform.

Key Results

Contributes to the design, development, deployment, quality assurance, documentation, support and operation of ICT products, Technology, Systems and/or Applications.

Key Functions

- Operates and supports IT facilities, products and/or services, liaising with external service providers where appropriate;
- Assists in the gathering of requirements, design, development and deployment of IT initiatives;
- Participates in operational activities, including incident and problem management, configuration, supports recurrent processes and policy changes, and provides user transaction support;
- Prepares appropriate technical and customer documentation according to established standards and business requirements, including application management reports.

Specific Functions

- Plans, designs, implements, and manages a deployment of self-service data visualization platform;
- Utilizes database technologies, including PowerBI, oBI, AWS Athena and others to design, develop, and evaluate analyses and highly innovative business intelligence tools and reporting;
- Establishes scalable, efficient, automated processes for large-scale data analyses (big data);
- Supports the development of performance dashboards that encompass key metrics to be reviewed with senior leadership, business users;
- Supports IT operations team to drive efficiencies and continuous improvement;
- Designs, develops, automates, monitors and maintains the Master Data Management (MDM) platform, including inbound/outbound data integration (ETL), and Data Quality (IDQ);
- Develops algorithms that continue to drive innovative analytics in the Organization;
- Works with business owners and partners to build data sets that answer their specific business questions;

- Performs other duties as required.

CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- Advanced university degree in Computer Science, Computer Engineering, Information Systems and Technology, Mathematics or related field.
- Three years of experience in working with a wide range of predictive models and data mining techniques, as well as tools for developing such models and large data manipulation and experience in designing and implementing custom reporting systems by managing or guiding technical teams with different tools.
- At least one certification in terms of Data Management and Analytics.
- Strong knowledge of Microsoft Azure, Amazon Web Services and Google Cloud platforms.
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian.

Competencies

- Results Focus
- Teamwork
- Communication
- Building Effective Relationships
- Knowledge Sharing and Continuous Improvement

Technical/Functional Skills

- Work experience in more than one location or area of work, particularly in field positions is desirable;
- Ability to work with large data sets;
- Ability to understand mathematics and analytic analysis;
- IT skills, including familiarity with databases and query languages;
- Capability in problem-solving under time constraints;
- Project management skills
- Extent and relevance of experience in developing and ensuring update/maintenance of relevant policies, procedures, standards and guidelines;
- Extent of both oral and written communication skills in English, e.g. ability to communicate strategy and complex technology in non-technical language to executive management and business leaders.

Please note that all candidates should adhere to *FAO Values of Commitment to FAO, Respect for All and Integrity and Transparency*.

ADDITIONAL INFORMATION

Due to the nature of the work, after office hour standby and work from home is required;.

- All candidates should possess computer/word processing skills
- Your application will be screened based on the information provided in your iRecruitment online profile (see "How to Apply"). We strongly recommend that you ensure that the information is accurate and complete including employment record, academic qualifications and language skills
- Please note that FAO will only consider academic credentials or degrees obtained from an educational institution recognised in the IAU/UNESCO list
- Candidates endorsed in the selection process for this vacancy announcement will be considered for the FAO Professional Employment Roster for a period of two years. The Roster is used to fill other similar positions at the same or lower grade, and in the same or another duty station
- Candidates may be requested to provide performance assessments

REMUNERATION

A competitive compensation and benefits package is offered. For information on UN salaries, allowances and benefits, click on the following link: http://www.un.org/Depts/OHRM/salaries_allowances/salary.htm

HOW TO APPLY

To apply, visit the iRecruitment website at <http://www.fao.org/employment/irecruitment-access/en/> and complete your online

profile. Only applications received through iRecruitment will be considered.

Candidates are requested to attach a letter of motivation to the online profile.

Vacancies will be removed from iRecruitment at 23:59 Central European Time (CET) on the deadline for applications date. We encourage applicants to submit the application well before the deadline date.

If you need help, or have queries, please contact: iRecruitment@fao.org

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