



Issued on: 10 October 2017

Deadline For Application: 24 October 2017

JOB TITLE: Developer (Backend)

TYPE OF CONTRACT: PSA.SBS

DUTY STATION: FAO HQ, Rome, Italy

ORGANIZATIONAL UNIT: INFORMATION TECHNOLOGY DIVISION

DURATION: Up to 11 months

FAO seeks gender, geographical and linguistic diversity in its staff and international consultants in order to best serve FAO Members in all regions.

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.

Organizational Setting

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

Under the direct supervision of the Information Technology Officer (Development area), the candidate will act as developer performing the following functions.

Technical Focus

The Backend Developer responsibilities include the implementation of server-side application logic for web applications and systems, also covering the implementation of back-end APIs and data integration jobs.

Tasks and responsibilities

- Develop, test and debug of backend components using standard server-side languages and frameworks.
 - Translate functional requirements into conceptual and detailed design of server side components.
 - Participate in the optimization of the application for maximum speed and scalability.
 - Produce unit and automated end-to-end tests to improve code quality and maximize code coverage for new and existing features
 - Participate in an agile software development team building high quality and effective software products that deliver real business in the shortest time.
 - Build reusable code libraries and other software components for future use
 - Perform other related duties as required, especially in collaboration with other members of the development team.
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CANDIDATES WILL BE ASSESSED AGAINST THE FOLLOWING

Minimum Requirements

- University degree or relevant educational certification in Computer Science, IT Engineering, Professional Software Engineer or closely related discipline.
- Working knowledge of English.
- At least 5 years of relevant experience in frontend software development and 1 in Agile Methodologies
- Working knowledge of English, French or Spanish and limited knowledge of one of the other two or Arabic, Chinese, Russian.
- Demonstrable ability to design and implement RESTful APIs and Microservices.
- Strong understanding of Databases and Database Technologies, including NoSQL technologies.
- Ability to analyse complex matters, solve problems quickly and tactfully, exercise sound judgement and decision making
- Ability to communicate effectively.
- Strong understanding of cloud computing architectures , including Amazon Web Services, Microsoft Azure, Google Cloud

FAO Core 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
- Extent and relevance of experience in modern back development frameworks, such as Java/Spring, NodeJS, Loopback, etc.
- Knowledge of design and implementation RESTful APIs. Including modern authorization mechanisms, such as JSON Web Token
- Knowledge of software development tools for repositories, version control, automation, IDEs, issue tracking, containerization, infrastructure as a code, QA and testing.
- Knowledge of cloud computing (preferably AWS), IaaS, PaaS, SaaS, BaaS (Google Firebase), infrastructure as a code, Server-less applications and System Reliability Engineering.

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

ADDITIONAL INFORMATION

- All applications will be reviewed and qualified applicants will be contacted for interviews.
- FAO does not charge a fee at any stage of the recruitment process (application, interview meeting, processing).
- Incomplete applications will not be considered. If you need help, or have queries, please contact: iRecruitment@fao.org
- Applications received after the closing date will not be accepted.
- Only language proficiency certificates from UN accredited external providers and/or FAO language official examinations (LPE, ILE, LRT) will be accepted as proof of the level of knowledge of languages indicated in the online applications.
- For other issues, visit the FAO employment website: <http://www.fao.org/employment/home/en/>

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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