

INTERNATIONAL COMMISSION FOR THE
CONSERVATION OF ATLANTIC TUNAS



COMMISSION INTERNATIONALE POUR LA
CONSERVATION DES THONIDES DE L'ATLANTIQUE

COMISION INTERNACIONAL PARA LA
CONSERVACION DEL ATUN ATLANTICO

Madrid, 20 December 2024

ICCAT CIRCULAR # 12411 / 2024

SUBJECT: POSITION ANNOUNCEMENT: SENIOR FULL STACK SOFTWARE DEVELOPER FOR THE STATISTICS DEPARTMENT

I should like to transmit to you the attached position announcement for a Senior Full-Stack Software Developer. I should be grateful if you could distribute this position announcement to qualified individuals that may be interested.

Please accept the assurances of my highest consideration.

P.O. Executive Secretary

Miguel Neves dos Santos
Assistant Executive Secretary

DISTRIBUTION:

- Commission Officers:

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Attachment: Position announcement: Senior Full-Stack Software Developer.



Position announcement

Short-Term Contract (2 years): Senior Full-Stack Software Developer for the Statistics Department

The International Commission for the Conservation of Atlantic Tunas (ICCAT), an intergovernmental organization, is seeking a full-stack Senior Software Developer with expertise in back-end and front-end web application development. ICCAT is based in Madrid (Spain), and is concerned with the monitoring, assessment, management and conservation of tuna and tuna-like stocks in the Atlantic Ocean and adjacent seas. For general information about ICCAT, [click here](#).

Background

The ICCAT Secretariat is responsible for managing a large volume of information reported by the ICCAT Contracting Parties and Cooperating Non-Contracting Parties, Entities or Fishing Entities (CPCs). This information is stored, validated, analyzed, used in multiple scenarios, and properly disseminated, with the purpose of serving as a resource to fulfil the Commission's mandate. In recent years, there has been a steady increase in the volume of information and data management workload. For this reason, the ICCAT Secretariat, under the mandate of the ICCAT Commission, began developing in 2019 the Integrated Online Management System (IOMS) to centralized and optimize data reporting and management processes, and released into production its first version in 2021.

Mission

The ideal candidate for this position is a Senior full-stack developer with experience in object-oriented programming and proficiency in key technologies required for a modern development environment.

On the backend, the candidate must have strong expertise in Java and the Spring framework to build robust and scalable services deployed in cloud infrastructures. On the front end, they should have experience working with Angular and the JavaScript/TypeScript languages to create dynamic and responsive user interfaces. Additionally, knowledge of Node.js and its ecosystem will be highly valued, offering flexibility in development and integration.

The candidate should also be experienced in continuous integration and deployment practices using tools like GitLab CI/CD, and containerization tools like Docker, to ensure efficient and agile development processes.

The selected candidate will collaborate with a small team to develop a multi-module web application.

Required Skills & Experience

- 5+ years of experience with Java language (latest versions).
- 5+ years of experience with Spring framework, Spring Security and JPA.
- 3+ years of experience developing REST web services.
- 5+ years of experience with JavaScript/Typescript.
- 5+ years of experience with Angular, including 3+ years using version 14+, and a deep knowledge of this framework.
- HTML5/CSS3 and Material knowledge.
- Deep knowledge of JQUERY, AJAX, JSON, HTML, XML, CSS, REST and associated frameworks.
- 3+ years of experience with MySQL / MariaDB.
- 3+ years of experience with GitLab CI/CD.
- Writing tested oriented, idiomatic, and documented code.



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- University degree in Computer Science (or equivalent).
- Excellent level of one of the three official languages of ICCAT (English, French or Spanish), and a good level in a second ICCAT official language.
- Good written communication skills of one of the three official languages of ICCAT (English, French or Spanish), and a good level in a second ICCAT official language
- Ability to respond to multiple requests, work under pressure and within a multicultural and multidisciplinary team.

Desired Skills & Experience

- Good oral communication skills and an ability to be a team player and to work in a multicultural environment.
- Communicating with external web services.
- Knowledge of Extensible Markup Language (XML) and important associated schemas.
- Experience with other JS frameworks and Node.js.
- Experience with cloud infrastructure deployments (Docker, Kubernetes, AWS, etc.).

Salary and remunerations

The position will be classified according to the United Nations System at the Professional Level (P-2, Step1). This is a full-time position for two years. The planned start date is February 2025.

Deliverables

Given the nature of the ICCAT Integrated Online Management System (IOMS) project as open source, this item is addressed by ensuring real-time availability and public accessibility of the following:

The complete source code, including database models, backend, and frontend.

Technical documentation detailing the specifications for implementing each IOMS module.

General-purpose documents, such as user manuals, specific deployment articles, and other relevant materials.

Application for the position

Candidates should submit by **17 January 2025** (12:00 noon Madrid time):

- An updated Curriculum Vitae (CV) detailing your relevant experience and qualifications. The CV should include documented educational background, professional experience, a list of relevant projects/works developed, and letters of recommendation;
- Three letters of recommendation from individuals who can attest to your professional skills and achievements;
- A letter of interest outlining your motivation for applying to this position and how your skills align with the requirements.



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The ICCAT Executive Secretary will nominate an Evaluation Panel to assess all the applications, which may involve a personal interview, and to recommend the selected candidate. This process will culminate in the signature of a contract between ICCAT and the selected candidate, who will be required to undergo a comprehensive medical examination.

Applications should be exclusively sent to:

The ICCAT Executive Secretary, [Mr. Camille Jean Pierre Manel](#), with copy to [Ms. Ana Martinez](#).

Address:-

(To the attention of the ICCAT Executive Secretary)

ICCAT
Calle Corazón de María 8, 6th Floor
28002 Madrid
Spain