

Vacancy Announcement Full-Stack Developer for the Inter-American Tropical Tuna Commission (IATTC)

The Inter-American Tropical Tuna Commission (IATTC) invites applications for the position of full-stack developer. This is a full-time appointment based at the headquarters of this international organization, located in La Jolla, California, U.S.A.

The IATTC is the regional fisheries management organization responsible for the implementation of the [2003 Antigua Convention](#), the objective of which is to ensure the long-term conservation and sustainable use of the stocks of tunas and tuna-like species and other species of fish taken by vessels fishing for tunas and tuna like species in the eastern Pacific Ocean. The IATTC employs a scientific staff that operates under the supervision of the Director of the Commission and of its Coordinator of Scientific Research. The functions of the scientific staff are defined in article XIII of the Convention and include, among others, conducting scientific research, providing information and scientific advice and collecting statistical data. More information about the IATTC can be found at www.iattc.org.

The staff's research activities defined under the [Strategic Science Plan](#) are divided among four programs: Stock Assessment, Ecosystem and Bycatch, Biology, Data Collection and Database. The selected applicant will work as part of the IATTC Data Collection and Database Program.

Functions and duties

The selected applicant will participate in the activities of the Data Collection and Database group which includes databases, software, web and IT management:

- Create and maintain in-house front-end software using VB.Net and C# within Visual Studio
- Design and implement scalable web and mobile applications using .NET ecosystem.
- Develop robust backend services with SQL Server databases.
- Integrate fisheries data tracking and reporting systems
- Collaborate with end-users and industry stakeholders to understand domain-specific requirements
- Create and maintain detailed technical and user documentation.
- Work closely with the IT administration group to assure administration of MS-SQL and IIS environments.
- Ensure technology practices and processes adhere to regulatory standards and best practices.

Selection Criteria

A bachelor's or higher degree in computer sciences, application development, or equivalent experience, and 5+ years of experience in the design, development and management of applications using Microsoft development ecosystem.

Candidates should possess the following skills:

- Advanced knowledge of console and windows forms development using VB.NET language
- Experience with Microsoft SQL Server Management Studio and SQL Server database design, Entity Framework
- Strong programming skills in web development (.Net Core, C#, RESTful API, ASP.NET MVC) with a demonstrated ability to innovate and use the latest technologies
- Experience with Microsoft Access, including VBA coding
- Creativity to adapt current methods or develop new methods as required to solve problems.
- Strong inter-personal skills and experience working as a part of a team, as well as working independently. Excellent communication skills, both oral and written.
- Proficiency in Python, Power BI
- Excellent project management skills
- Knowledge of web development performance issues and mitigation approaches
- Knowledge of AI

Other desired skills:

- Experience with geospatial and data visualization technologies.
- Experience in development and maintaining applications within a cloud, hybrid and onsite environment.
- Understanding of Statistical Analysis.
- Experience with purse-seine fisheries, including fisheries data and fishery operations
- Ability to understand and communicate with technical and non-technical stakeholders.
- Willingness to develop new skills.
- Working knowledge of English and/or Spanish. Fluency in both languages, written and oral, will be considered as an asset.

Salary and Allowances

Commensurate with qualifications, skills, and experience. The base salary for an applicant with a bachelor's degree will be equivalent to an adjusted US Federal pay grade GS 11:04 (US \$99,409 per year), or higher based on experience and suitability for the position.

Allowances include annual leave with pay, sick leave with pay, medical, dental, life insurance and a defined contribution pension plan providing a base contribution of 8% plus a matching component of up to 4% for a total possible employer contribution of 12%.

Other incentives

The IATTC offers a balanced and casual work environment in a modern facility at a very attractive location. The staff includes citizens from various countries who share a rich cultural diversity. Most have been with the organization for a considerable part of their careers, and enjoy a number of recreational activities to which the surrounding region is very well suited due to its climate and geographical diversity.

Availability

The candidate chosen for the post should be available to report at IATTC headquarters in June, 2025 or as soon as possible thereafter.

Applications

Applications may be submitted in either English or Spanish and should be sent no later than May 10, 2025 in electronic format to tmusano@iattc.org, or to the following address:

Teresa Musano
Inter-American Tropical Tuna Commission
8901 La Jolla Shores Drive,
La Jolla CA 92037-1509
USA

Applications should include the following:

- A cover letter containing a statement of purpose of the application and succinct descriptions of the applicant's experiences and abilities.
- Curriculum Vitae – preferably the applicant should fill, electronically or in hardcopy, the [IATTC personal history form](#)
- Official copy of transcripts and college degree.
- List of training courses, special skills, certificates and licenses, honors, or awards that relate to the specific description of this announcement. Please do not include copies of certificates.
- Letters of reference from persons with a recent knowledge of the applicant's character, qualifications and experience.
- A health certificate or statement issued by a competent medical doctor indicating that the candidate is physically able to perform the functions of the position as described in this announcement, or is otherwise in good health.
- A statement as to whether the applicant's current supervisor may be contacted.

Additional Information

Please consult the IATTC website at www.iattc.org for complete information on IATTC duties and the application process.