

CALL FOR APPLICATIONS: RESEARCHER

Job/position/grant:

Job reference:	AE2025-0467 (CESE-Geral - CESE) INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência
Job/position/grant:	RESEARCHER
City:	Porto
Research field:	Main: ENGINEERING Sub: Computer engineering

Job summary:

INESC TEC is accepting applications for 1 RESEARCHER job in the Computer Engineering

Scientific Advisor:	César Toscano
Duration of the contract:	from 2025-11-19 to 2026-11-18, eventually renewable.
Location:	INESC TEC, Porto, Portugal

Job description:

Work Area: Computer Engineering

Project overview: - Integration into the CESE digital systems team at INESC TEC; - The main focus will be on the development of software applications (Backend, Frontend, IIoT Platforms and Asset Administration Shell (AAS)).

Objectives: - Collaborate in preliminary studies and definition of requirements/specifications for the software solutions to be developed;

- Participate in the development of these solutions;
- Test and validate the developed solutions;
- Participate in the production of project deliverables;
- Participate in the management and demonstration activities of INESC TEC's IILAB laboratory.

Academic Qualifications:	Master's degree in computer engineering or related field;
Minimum profile required:	Experience in software development using Java (Backend) and/or JavaScript+CSS (Frontend), Asset Administration Shell (AAS) development, knowledge of IIOT and OPC-UA digital architectures. Master's degree average higher than 12;
Preference factors:	Experience in using Spring ecosystems, namely Spring Framework, Spring Boot, Spring Data and Spring Cloud. Experience in using Vue.js graphical interface development frameworks. Previous professional experience.

Funding Entity:

Type of contract:	fixed-term contract
The hiring shall be governed by what is stipulated in the legislation in force regarding fixed-term employment contracts and by INESC TEC norms.	

Selection criteria:	The selection of the candidates will be based on the following criteria, in descending order of consideration: a) Relevant Curriculum in the concerned field of this tender b) Proven experience.
Disability Incentive:	Candidates who present a degree of disability equal to or greater than 90% will benefit from an incentive (20) in the score of the CV Assessment. Candidates who present a degree of disability equal to or greater than 60% and less than 90% will also benefit from an incentive (10) in the score of the CV Assessment. Said score may, in these cases, exceed 100 points. Candidates must demonstrate the degree of disability during the application, namely through the submission of the Multi-Purpose Medical Certificate of Disability, issued in accordance with Decree-Law no. 202/96, of October 23 - currently in effect. Candidates must declare, in the application form, the type of disability used throughout the selection process, in order to proceed with the required adaptations.

Selection Jury:	President of the Jury: António Lucas Soares; Member: Jorge Pinho de Sousa; Member: José Soeiro Ferreira;
Notification of results:	The results of the selection process will be sent to the interested by electronic mail.
Application period:	From 2025-10-09 to 2025-10-22
Application submission:	Electronic form filling in www.inesctec.pt in the section Work with Us