

**INESC TEC | Researcher (AE205-0189)**  
**INESC TEC**

Direct Link: <https://www.AcademicKeys.com/r?job=256706>

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Posted May 7, 2025, set to expire Sep. 6, 2025

**Job Title** INESC TEC | Researcher (AE205-0189)  
**Department** HASLAB  
**Institution** INESC TEC  
BRAGA, , Portugal

**Date Posted** May 7, 2025

**Application Deadline** May 15, 2025

**Position Start Date** May 2, 2025

**Job Categories** Graduate Student

**Academic Field(s)** Engineering - Other  
Computer Science

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**Job Description**

Research Opportunities

**Computer Science**

**Work description**

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This position is part of the project "Aliança para a transição Energética" - (Alliance for the Energy Transition) where a multi-tenant, cloud-based solution to enable an integrated set of cross-domain, interoperable digital services with data from several domains will be design, while allowing a simple instantiation for distinct stakeholders along the energy value-chain.

The work plan is based on analysing, designing, implementing and testing software components of the platform above in a public cloud provider environment. The focus will be particularly on using Microsoft Azure and Amazon AWS, with a special focus on the former. The specific objectives are detailed in the objectives section.

### Academic Qualifications

- MSc in Informatics Engineering, Computer Science or alike.

### Minimum profile required

- Knowledge and experience in the development of Java applications.
- Knowledge and experience with orchestration tools in some of the following cloud providers including Microsoft Azure and Amazon AWS.
- Knowledge and experience with the following database management systems: PostgreSQL, Mongo DB.
- Knowledge and experience with the following virtualization/orchestration tools: Ansible, Docker, Kubernetes.
- Knowledge and experience with Linux operating systems.
- Language skills (written and spoken) for Portuguese and English.

### Preference factors

- Knowledge and experience in the development of Python applications.
- Knowledge and experience with Spring and/or Angular Boot Framework.
- Knowledge and experience with Rest APIs.
- Knowledge and proven experience in the design and development of benchmarking systems for

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data management systems targeting the edge and the cloud.

### Application Period

Since 02 May 2025 to 15 May 2025

### Centre

High-Assurance Software

### Scientific Advisor

[Fábio André Coelho](#)

### What we offer

- **Multicultural and collaborative environment**
- A multicultural, international and collaborative environment that makes it easier to exchange ideas, work in networks and create synergies.
- **International projects**
- The possibility of working in international projects with some of the most important companies in the field.
- **Mentoring**
- Mentoring with the best researchers in the fields of electrical and industrial engineering, bioengineering, information technology and physics.
- **Self Improvement**
- The possibility of participating in international conferences, workshops, seminars and vocational training.
- **Other Benefits and Perks**
- Flexible working time, health insurance, discounts in hotels, transportation, etc.
- **Informal Events**
- Annual informal events, such as the multicultural party.

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**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**

Portugal

**Contact E-mail**    rh@inesctec.pt