# INESCTEC

## CALL FOR APPLICATIONS: Technical Specialist

### Job/position/grant:

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| **Job reference:** | AE2023-0159 ( Plurianual_LA - CBER ) |
| | INESC TEC - Instituto de Engenharia de Sistemas e Computadores, Tecnologia e Ciência |
| **Job/position/grant:** | Technical Specialist |
| **City:** | Porto |
| **Research field:** | Main: COMPUTER SCIENCE |
| | Sub: Programming,Informatics |

### Job summary:

**INESC TEC is accepting applications for 1 Technical Specialist job in the Web&Mobile Engineer: web and mobile systems developer in the field of Biomedical engineering for monitoring using wearable devices.**

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| **Project:** | Financiamento Laboratório Associado |
| **Scientific Advisor:** | Duarte Filipe Dias |
| **Start Date:** | 2023-06-01 |
| **Location:** | INESC TEC, Porto, Portugal |

### Job description:

**Work Area:** Web&Mobile Engineer: web and mobile systems developer in the field of Biomedical engineering for monitoring using wearable devices.

**Project overview:** Familiarization, development, improvement and validation with end-users of e-health and m-health systems, composed of a mobile application (Android Studio and Flutter framework), a web component and its associated back-end with database (PHP, SQLite, Flutter Web). Testing and validating in real scenarios, as well as preparing presentations related to them. These IoT systems are being tested by spin-offs of INESC TEC, and then there may be a possible passage to companies.

**Objectives:** Development of web and mobile applications for monitoring and tracking people/patients using wearable devices. These systems have been used in Hospitals (CHUSJ) and by companies in different industrial areas. The applications aim to expand the use of web and mobile systems that the Engineering Centre has been developing to support data collection and to actively participate in field tests.

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| **Academic Qualifications:** | The candidate should have a Bachelor's or Master's degree in Computer Engineering, Computer Science, Biomedical Engineering, Software Engineering or equivalent. |
| **Minimum profile required:** | Good knowledge and some experience in mobile and web application development. The candidate should already have previous knowledge in Google firebase, Android Studio or Flutter, as well as databases, TypeScript, PHP, Node.js and code version control systems (GitHub, GitLab). |
| **Preference factors:** | Past experience in developing applications in Flutter. Ability to develop user-friendly interfaces. |

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| **Funding Entity:** | funded by National Funds through FCT - Portuguese Foundation for Science and Technology, I.P., project (reference LA/P/0063/2020 |
| **Type of contract:** | Uncertain term contract |

The hiring shall be governed by what is stipulated in the legislation in force regarding uncertain term employment contracts and by INESC TEC norms.

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| **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. |
| **Selection Jury:** | President of the Jury: Prof. João Paulo Cunha; |
| | Member: Prof. Susana Cristina Rodrigues; |
| | Member: Prof. Miguel Velhote Correia; |
| **Notification of results:** | The results of the selection process will be sent to the interested by electronic mail. |
| **Application period:** | From 2023-04-27 to 2023-05-11 |
| **Application submission:** | Electronic form filling in www.inesctec.pt in the section Work with Us |