PROFILE	**Programmer on Servitization of Model-Based Design , Centre for Digital Industry, FBK**
N. POSTS	1
LOCATION	TRENTO (ITALY)
VALID TILL	11.01.2021
DESCRIPTION	The activities will be part of the HUBCAP project and will be focused on enhancing Model-Based Design (MBD) support as an online service of the HUBCAP platform. This will enable test-before-invest opportunities for industrial partners interested in the MBD technology. MBD techniques will include model checking, contract-based design, model-based safety analysis, requirements formal validation, runtime verification, and planning. Main Task**:** will be to integrate FBK tools for MBD in the HUBCAP platform and to encapsulate the MBD functionalities into platform services. Other activities will include extending the HUBCAP platform to include a catalogue of models and techniques for MBD and providing users with training material and support to use the MBD services. The candidate is expected to participate in meetings and other project research and management activities, and to work in collaboration with other researchers, programmers, and students involved in the project. Moreover, the candidate is also expected to interact with industrial partners to support their MBD activities. **Requirements**: • Master or bachelor degree in computer science, engineering, or similar field; • Software design and development skills; • Knowledge of at least one of the following programming languages: C++, C, Java, Python; • Hands-on experience with standard software development environments under Unix/Linux; • Ability to work in a collaborative environment, good communication and relational skills; • Accuracy, flexibility, proactivity, and goal orientation attitude; • Autonomous thinking and problem solving skills; • Oral and written proficiency in English. **Preferred:** • Background in software engineering; • Knowledge in model-based design techniques. **Employment:** fixed term contract (1 year) full time; Start date: February 2021 (due to the Covid-19 emergency situation, the opportunity to start the activity remotely will be considered) Gross annual salary: about € 26500 More info about benefits at https://www.welfarefbk.info/
HOW TO APPLY	For more info and on line application see at https://jobs.fbk.eu/