Intermedia Selection is working for DATALOGIC, a global leader in the automatic data capture and process automation markets, specialized in the designing and production of bar code readers, mobile computers, sensors for detection, measurement and safety, RFID vision and laser marking systems. Datalogic solutions help to increase the efficiency and quality of processes in the Retail, Manufacturing, Transportation & Logistics and Healthcare industries, along the entire value chain.

Inside Research and Development (R&D) Department, we are looking for a **SOFTWARE DESIGNER** for complex devices, in particular Sensors and Safety, from first preliminary requirements to production, including pre-qualification needed tests.

Main responsibilities are:

• As software architect, analyze system requirements (functional, non-functional) and develop the high level design for embedded systems;

• For safety critical systems, analyze safety requirements and make sure the software architecture definition fulfills them;

• Develop and document software solutions and tests;

• Review and debug code. If needed, be involved in reviewing other teams / third party source code and manage its integration with existing code;

• Collaborate with manager in organizing activities for the software development team, defining the priorities of tasks and sub-tasks to meet the given key milestones;

• Coordinate the integration activities of the team for official software deliveries;

• Consistently adopt software best practices and pursue continuous improvement of the software processes; • Collaborate with software manager in being the software technical interface with key internal customers such as test team, operations, program management and product quality team;

• Be the interface with consultant teams and software test team to follow-up on open issues and to clarify product behavior.

REQUIREMENTS

EDUCATION (SCHOOL/SPECIALIZATION): Computer Engineering & Electronic (MA Degree)

EXPERIENCE:

• 7+ years of embedded software/firmware development experience;

• Proven experience on complex embedded systems using real time operating systems, microcontrollers (preferably based on ARM Cortex processor) and multithreading architecture.

SPECIFIC KNWOLEDGE AND INFORMATION TECHNOLOGY:

• Experience with Ethernet and industrial Fieldbus communication protocols;

• Strong C/C++ programming skills are required. Experience with scripting languages (e.g. Python) is a plus;

• Experience in using best coding practices for the full software development life cycle;

• Good knowledge of UML, design patterns and model driven design;

• Experience in High Level design and Low level design starting from system requirements (functional and non-functional);

• Experience in development of Unit tests and automatic tests;

• Knowledge of version control systems (GIT, SVN), issue tracking tools (IBM Jazz) and build automation technologies (Jenkins) are desirable;

• Strong communication skills to guarantee intra-group collaboration and effective work within the software team, managing communication with other teams;

• Strong problem solving skills and ability to work independently with little supervision;

• Experience with agile development methodology is a plus;

• Experience in functional safety (ISO 13849, IEC 61508-2) is a plus.

PLACE OF WORK: Bologna

DEADLINE: 30/09/2018

If interested, send your CV to: [apagani@intermediaselection.com](mailto:apagani@intermediaselection.com)