SEPSA MEDHA

Nº Proceso	

EMPRESA	SEPSAMEDHA, SLU	**Fecha**	**February 2022**

Puesto Presupuestado	**Si** ☒		**No** ☐
Sustitución de (Nombre empleado)	Embedded SW Engineer		
Otra Justificación de Apertura	Capacity in SW Engineering, as required for development and maintenance of telematic and multimedia systems		
Responsable Inmediato			
Departamento:	Systems-EBU	**Sección**	Sys-Applications
Nº de Puestos a Cubrir	1		

Puesto:	Embedded Software Engineer
Formación Imprescindible	Engineering -degree- (Electronics, Telecommunications, Software)
Formación Valorable	Engineering -master- (Electronics, Telecommunications, Software)
Experiencia necesaria	At least 3 years of professional experience as Embedded SW Engineer involved in development of distributed systems.

Descripción del Puesto	
Misión	Development and adaptative, corrective and evolutionary maintenance of software products embedded in telematic and multimedia systems.
Reporta a	Head of Systems-Applications Area
Relaciones internas	Member of Systems-EBU team.
Relaciones externas	Event-driven contacts to end-user/customer, mostly related to analysis and resolution of issues in SW products.
Funciones principales	Development & maintenance of embedded SW products, also reusable SW components, with full coverage of SW development lifecycle – from requirements analysis to validation tests through design, coding and unitary tests.
Conocimientos Técnicos	Both structured and OOD techniques. Really good coding skills in C and C++ languages, and in bash scripting. Coding in Python will be a valuable skill.
	Strong background in embedded Linux OS for ARM-based HW/SW platforms --including real-time extensions--, and practical experience in development of SW products for such platform. Knowledge and experience in using SW tools applied to development (i.e. GDB, Eclipse, Wireshark, QT 5, Valgrind, other),
	Highly desirable some experience in configuration of the Linux kernel and development of kernel modules / hardware drivers / BSP.
	Desirable experience in development of bare-metal embedded sw for uController-based hardware platforms.

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	Good knowledge of datacomms solutions with experience in practical implementation (i.e. RS232/485, CAN, TCN MVB/WTB, ethernet, other)
	Practical experience in SW development for distributed systems over IP networks, and particularly for VoIP and/or IP-Video based applications: audio, video codecs (G711, H.264,...), network protocols (TCP/IP, HTTPS, RTSP, SIP, QoS, ...)
	Highly desirable experience in Automotive, Railways and/or Aeronautics/Space domains of activity.
Otros Requisitos	Good level of written and spoken English

Tipo de Contrato	Permanent
Tiempo estimado de la Obra (*)	Not Applicable
Categoría	Ingeniero de SW.
Banda Salarial Aprox.	=======
Dirección del C. de Trabajo	Pinto
Horario de Trabajo	40 h/week, ordinary timetable

(*) *Rellenar únicamente en casos de Contratos Temporales de Obra*