

JOB PROFILE

Job Specification		Person Specification	
Job Title DevOps Embedded/Firmware Developer	Department Safe Storage	Main location / base Bari	Is travel a requirement of the role? Occasional Travel
Responsible for: Firmware Development	Reporting to DevOps Product Manager	Responsible for budgets No	<i>This job profile is a working document and as such is subject to revisions in line with operational & individual developments</i>
Overall Job Purpose	Key Responsibilities	Person Specification	Core Competencies
<ol style="list-style-type: none"> 1. Developing and implementing software for embedded devices and systems. 2. Creating custom Linux-based systems regardless of the hardware architecture. 3. Analysing and monitoring the efficiency and stability of the system. 4. Auditing electronic design 	<p><u>Operations</u></p> <ol style="list-style-type: none"> 1. Support operations and infrastructure to ensure profitability and meet contracted Service Level Agreements. 2. Best practice research and benchmarking. <p><u>Development</u></p> <ol style="list-style-type: none"> 3. Develop and implement software of embedded devices and systems 4. Support software QA and optimize I/O performance 5. Provide post production support when necessary 6. Develop, code, test and troubleshoot the system software 7. Analyze, monitor and improve efficiency, stability of the system 8. Interface with hardware design and development 	<p><u>Essential</u></p> <ul style="list-style-type: none"> Excellent knowledge of Python and C/C++ Excellent knowledge of Linux and Yocto Excellent knowledge of SoC like ESP32, Nordic Semiconductor Excellent knowledge of CI/CD, Git, Azure Devops Ability to work on own initiative Fundamental skills on Cloud Software Architecture. Experience with OTA software update using Mender. Fundamental skills on electronics, integrated circuits and embedded systems Fundamental skills on Artificial Intelligence and Machine Learning 	<ol style="list-style-type: none"> 1. 2 years' experience working with EN/UL/PCI security certified security products. 2. Deep technical knowledge about hardware, software, operating systems and cloud technology 3. Self driven and thereby also actively seeks and execute continuous process improvement 4. Team player with ability to manage stakeholders
Training		Succession Planning	
Possible Training Requirements:		(In which roles is a suitable candidate likely to be working now?)	(Future roles)
<ol style="list-style-type: none"> 6. Linux and Yocto 7. Embedded Software (C/C++, ESP-IDF) and Hardware (ESP32, Raspberry) 8. Altium 			