





Manuel Lorente


DevOps & Software Specialist | AWS & Linux Certified


hello@fullengineer.net


+34 653367697

English, Spanish, French

www.linkedin.com/in/manloralm

https://github.com/manulorente

https://fullengineer.net



PROFESSIONAL SUMMARY



Results-driven engineer with over 10 years of experience bridging embedded systems and modern software practices, specializing in DevOps and clean architecture. Proven track record of implementing enterprise-grade delivery pipelines, designing scalable APIs, and providing technical support that drives business growth.

CORE COMPETENCIES

Cloud Architecture & DevOps	Product Lifecycle Management
API and SDK Development	Cross-cultural Team Collaboration
CI/CD Pipeline Design	Technical Pre-Sales Support

WORK EXPERIENCE

2024 – Present	Applications Engineer <i>Teledyne e2v</i> <i>Denver, USA</i> Promoted to lead the technical strategy in North America, supporting demand creation and business growth alongside the sales team. <ul style="list-style-type: none">Designed and deployed an API framework for 5+ product derivatives across multiple platforms, reducing customer integration time by 30%.Led pre-sales technical consulting efforts, directly contributing to over \$5M in revenue by managing integrations and solutions for 10+ North American clients.Streamlined product delivery cycles, cutting the release frequency from quarterly to weekly through the implementation of automated CI/CD pipelines. <i>Key technologies: Python, C++, GitHub Actions, AWS, Linux.</i>
2020 – 2024	Applications Engineer <i>Teledyne e2v</i> <i>Seville, Spain</i> After proving in a technical support role in APAC, I was promoted to Applications Engineer to manage technical expertise and product development in the EMEA region. <ul style="list-style-type: none">Developed a robust SDK platform supporting 10+ products, accelerating evaluation times by 50%.Provided comprehensive technical support to 20+ EMEA customers, resulting in \$10M+ in total sales during that period.Implemented comprehensive documentation process for 10+ products, ensuring clear communication and continuous delivery. <i>Key technologies: Python, C++, GitHub Actions.</i>
2019 – 2020	Technical Specialist <i>Teledyne e2v</i> <i>Shenzhen, China</i> Promoted to take on a support role in the APAC region, focusing on providing high-level technical support for image sensors and camera modules. <ul style="list-style-type: none">Regional technical authority for image sensors, delivering pre-sales and post-sales support to 10+ customers, driving a \$500K+ increase in sales across the APAC.Developed and implemented a technical training program, improving regional sales performance by over 10% through enhanced customer product utilization. <i>Key technologies: Python, C++.</i>
2018 – 2019	Systems Engineer <i>Teledyne e2v</i> <i>Grenoble, France</i> Transitioned into systems engineering, collaborating with the R&D team. <ul style="list-style-type: none">Developed a Graphic User Interface to control a linear camera for production lines.Engineered and validated firmware for a linear camera. <i>Key technologies: C#, C++.</i>
2015 – 2018	Characterization Engineer <i>Teledyne Anafocus</i> <i>Seville, Spain</i> Began career in image sensors, leading the characterization process of CMOS sensors. <ul style="list-style-type: none">Led the characterization of 5 CMOS image sensors, producing detailed analysis reports used to optimize sensor performance.Developed custom software tools for image sensor testing and data analysis. <i>Key technologies: Python, Matlab.</i>

EDUCATION		CERTIFICATIONS		
2022 – 2023	MEng in Cloud Native Applications Development <i>University of Rey Juan Carlos, Spain</i>	2024	Linux Foundation Certified IT Associate <i>Linux Foundation</i>	
2018 – 2019	MEng in Embedded Systems <i>University of Malaga, Spain</i>	2024	AWS Certified Cloud Practitioner <i>AWS</i>	
2012 – 2018	BEng in Telecommunications Engineering <i>University of Seville, Spain</i>	2024	Microsoft Certified Azure Fundamentals <i>Microsoft</i>	

SKILLS						★★★ Strong skill
						★★☆ Solid understanding
						★☆☆ Basic experience
Cloud	AWS (EKS, ECS, Lambda, S3), Azure	★★☆	CI/CD	GitHub Actions, Jenkins		★★☆
Containers	Kubernetes, Helm, Docker, Podman	★★☆	IaC	Terraform, CloudFormation		★★☆
Scripting	Bash, Python	★★★	Observability	CloudWatch, Prometheus, Grafana		★☆☆
Backend	Python (FastAPI), Java (Spring Boot), Go (Gin)	★★★	System Programming	C++, VHDL, FreeRTOS		★★☆
Data Storage	PostgreSQL, MongoDB, Redis, DynamoDB	★★☆	Core Engineering	Data Structures, Algorithms, System Design		★★☆