





Manuel Lorente


Engineer | Cloud & Embedded Systems Specialist | AWS & Linux Certified


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 English, Spanish, French

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EDUCATION		CERTIFICATIONS	
2022 – 2023	MEng, 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, Embedded Systems <i>University of Malaga, Spain</i>	2024	AWS Certified Cloud Practitioner <i>AWS</i>
2012 – 2018	BEng, Telecommunications Engineering <i>University of Seville, Spain</i>	2024	Microsoft Certified Azure Fundamentals <i>Microsoft</i>

SKILLS SUMMARY				★★★ Strong skill	
				★★☆ Solid understanding	
				★☆☆ Basic experience	
Core	Linux systems administration	★★★	Databases	Relational: PostgreSQL, MySQL	★★☆
	Network architecture & protocols	★★☆		Non-relational: mongoDB, Redis	★★☆
Languages	Cloud Architecture: AWS, Azure	★★☆	Monitoring and logging		
	Python: FastAPI	★★★		CloudWatch	★★☆
Containers	Java: Spring	★★★		Prometheus	★★☆
	C++	★★☆		Grafana	★★☆
CI/CD	Kubernetes: Helm, ArgoCD, Flux	★★☆	Communications	SPI, I2C, MQTT	★★☆
	Runtimes: Docker, podman	★★☆		802.11 WiFi	★★☆
IaC	AWS: ECS, EKS	★★☆		802.15.4 ZigBee	★★☆
	Github Actions	★★☆	Embedded software	RTOS: FreeRTOS, uBlaze	★★☆
	Jenkins	★★☆		FPGA: VHDL	★★☆
			Other	Git	★★☆
	CloudFormation	★★☆		GitLab	★★☆
	Terraform	★★☆		Bash scripting	★★☆

WORK EXPERIENCE	
2018 – Present	Sales & Applications Engineer <i>Teledyne e2v (Denver, USA) and Teledyne e2v (Seville, Spain)</i> <ul style="list-style-type: none">Technical expert for company cameras, image sensors, and vision modules.Developed APIs and Proofs of Concept for +15 products.Provided pre-sales and post-sales support to +50 customers.Wrote technical documentation of +20 products.
2015 – 2018	Characterization Engineer <i>Teledyne e2v (Grenoble, France) and Teledyne e2v (Seville, Spain)</i> <ul style="list-style-type: none">Characterized CMOS image sensors and prepared data analysis reports.Developed custom software for hardware test equipment.