

Manuel Lorente



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 English, Spanish, French

EDUCATION

2022 – 2023	MEng, Cloud Native Applications <i>University of Rey Juan Carlos, Spain</i>
2018 – 2019	MEng, Embedded Systems <i>University of Malaga, Spain</i>
2012 – 2018	BEng, Telecommunications Engineering <i>University of Seville, Spain</i>

CERTIFICATIONS

2024	Linux Foundation Certified IT Associate <i>Linux Foundation</i>
2024	AWS Certified Cloud Practitioner <i>AWS</i>
2024	Microsoft Certified Azure Fundamentals <i>Microsoft</i>

SKILLS SUMMARY

☆☆☆ Basic experience
☆☆☆ Good working knowledge
☆☆☆ Strong skills

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

WORK EXPERIENCE

2018 – Present	Sales & Applications Engineer <i>Teledyne e2v (Seville, Spain) Teledyne e2v (Denver, USA)</i> <ul style="list-style-type: none">- Technical expert for company cameras, image sensors, and vision modules.- Developed Camera APIs and Proofs of Concept (PoC) in Python and C++.- Provided presales and postsales support.- Wrote technical documentation and managed Document Management System (DMS).
2015 – 2018	Characterization Engineer <i>Teledyne e2v (Seville, Spain) Teledyne e2v (Grenoble, France)</i> <ul style="list-style-type: none">- Characterized CMOS image sensors and prepared data analysis reports.- Programmed test equipment for laboratory measurements using Python and MATLAB.