Manuel Lorente

✉ mlorente@duck.com

🔗 www.linkedin.com/in/manloralm

⊙ https://github.com/manulorente

🌐 https://fullengineer.net

☎ +34 653367697 | +1 (720) 878-6398

🗣 English, Spanish, French

EDUCATION

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

CERTIFICATIONS

2024	**Linux Foundation Certified IT Associate**	*Linux Foundation*
2024	**AWS Certified Cloud Practitioner**	*AWS*
2024	**Microsoft Certified Azure Fundamentals**	*Microsoft*

SKILLS SUMMARY

★★★ Strong skills
★★☆ Solid understanding
★☆☆ Basic experience

Category	Skill	Level	Category	Skill	Level
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**	*Teledyne e2v (Denver, USA) Teledyne e2v (Seville, Spain)*

- 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**	*Teledyne e2v (Grenoble, France) Teledyne e2v (Seville, Spain)*

- Characterized CMOS image sensors and prepared data analysis reports.
- Programmed test equipment for laboratory measurements using Python and MATLAB.