

MARIO MENDOZA CHAPARRO

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I specialize in developing software at the intersection of Artificial Intelligence and industrial automation, with a focus on building the future of smart manufacturing. My expertise lies in engineering and deploying solutions that leverage AI and Machine Learning to optimize industrial processes, boost efficiency, and deliver significant operational cost savings.

Professional Experience

Tabacalera S.L.U

Software Developer

Madrid, Spain

June 2025– August 2025

- Led the design and development of a custom Artificial Intelligence project aimed at automating and optimizing processes in a factory setting.
- Engineered and implemented specialized machine learning models to enhance manufacturing efficiency, reduce manual intervention, and improve productivity.
- Collaborated with cross-functional teams to integrate intelligent automation solutions with existing industrial hardware and software systems.
- Played a key role in a strategic initiative to drive digital transformation and innovation within the company's manufacturing operations.

Tabacalera S.L.U

Professional Internship

Madrid, Spain

March 2025– April 2025

- Streamlined the company's file and folder management system, improving data accessibility and organization.
- Optimized ETL workflows and enhanced the efficiency of existing Python scripts, reducing processing time.
- Developed a proof-of-concept AI project designed to automate and optimize internal operational processes.

Education

CIUDAD ESCOLAR

Multiplatform Application Development

Madrid, España

2024- Present

AWS

AWS Knowledge: Architecting

May 27, 2025

Additional

- **Languages:** English (B2), Spanish (Native)
- **Programming Languages:** Python, Java, JavaScript, SQL
- **Soft Skills:** Organization, Critical & Analytical Thinking, Effective Communication
- **DevOps & Cloud:** Git, GitHub, AWS, Docker