

Mario Mendoza

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About me

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.

Work experience

Software developer | Tabacalera SLU | 01/06/2025 - 01/08/2025 | Madrid, Spain

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.

Website: <https://tabacaleragroup.com/>

Internship | Tabacalera SLU | 12/03/2025 - 04/04/2025 | Madrid, Spain

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 & Training

Multiplatform Application Development | CIUDAD ESCOLAR | 11/09/2024 - Current | Madrid, Spain

Level in EQF 5

Language Skills

Mother tongue(s): **Spanish**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken production	Spoken interaction	
English	C1	C1	B2	B2	B2

Certifications

AWS Knowledge: Architecting | AWS | [researchLabBased](#) | 27/05/2025

Learned to use AWS core technologies such as EC2, S3, RDS, and VPC.

Applied cloud security, scalability, and architecture best practices with AWS services.

Google Data Analytics Professional Certificate | Google | [online](#)

Learn key analytical skills (data cleaning, analysis, & visualization) and tools (spreadsheets, SQL, R programming, Tableau)

Learn how to visualize and present data findings in dashboards, presentations and commonly used visualization platforms

Skills

Programming Languages | Python (Tensorflow, PyTorch, NumPy) | SQL | C# | Java | JavaScript | HTML & CSS

Soft Skills | Organization | Effective Communication | Critical & Analytical Thinking

DevOps & Cloud | Git/Github, Docker, Gitlab | Windows, Linux, AWS, Azure

Volunteering

General Helper – Private School Mysen, Norway | 11/08/2025 - Current | Norway

Participated in the transformation of an old school and activity center into a sustainable space as part of an eco-friendly project.

Contributed to various tasks and daily challenges, acquiring hands-on experience in sustainable development and teamwork.

Collaborated with a diverse, international team, enhancing communication and problem-solving skills.

Helped drive positive environmental impact while building valuable professional relationships.