

MARKEL RAMIRO VAQUERO

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EDUCATION

• University of the Basque Country (UPV/EHU)

Bachelor of Science in Artificial Intelligence

Sep 2020 - Jul 2024

San Sebastian, Spain

- Member of the 1st graduating class of the Artificial Intelligence program
- Final Project: "Anomaly detection and deployment in Kubernetes" (Grade: 9/10)
- Relevant courses: Machine Learning & Neural Networks, Massive Data Processing, Temporal Data Analysis
- University Entrance Exam Score: 12.24/14 (87.4%)

EXPERIENCE

• Devol RPA

Data & AI Engineer

Jul 2024 - Present

Bilbao, Spain

- Specialized firm with over 10 years of experience providing RPA solutions to Spanish enterprises
- Led development of DocMind, an LLM-based document extraction solution, reducing manual processing time by 85% for enterprise clients
- Implemented a RAG-based natural language to SQL query system using context from DDL documents
- Established MLOps practices for the newly formed AI department, implementing Docker containerization and CI/CD pipelines that reduced deployment time by 70%
- Directed and mentored junior AI engineers while collaborating with cross-functional teams to deliver production-ready AI solutions
- Spearheaded data engineering initiatives to extract and analyze performance metrics from RPA processes, identifying optimization opportunities

• Nomada Omnimotion - VR Technology Innovation Lab

AI Integration Specialist (intern)

Sep 2023 - Mar 2024

Vitoria Gasteiz, Spain

- Contributed to Vicomtech's award-winning omnidirectional VR treadmill project
- Developed AI pose estimation validation system for omnidirectional VR treadmills, achieving 94% accuracy in user movement tracking
- Engineered sensor fusion algorithms for real-time motion data integration from multiple input sources

LEADERSHIP EXPERIENCE

• Wippass - Digital Ticketing Platform

Founder & Developer

Mar 2023 - Jul 2024

- Built and deployed a complete ticketing platform handling €25k+ in transactions for local events
- Achieved multiple sold-out events (900+ attendees) by implementing effective promotional strategies
- Featured in El Referente magazine for entrepreneurial innovation in the event management sector

• Employee Wellness Platform

Freelance Developer

Jan 2023 - Jun 2023

- Developed MVP for a grant-winning portal connecting workers with financial/psychological support services (belasai.es)
- Deployed and maintained production environment with monitoring and automated scaling capabilities

ADDITIONAL INFORMATION

• Professional DJ

Various Venues in Bilbao

2019 - 2024

- Performed at events with up to 1,000 attendees, managing crowd engagement and musical programming
- Developed technical skills in audio engineering, live mixing, and performance techniques

• Football Player

Bizkaia Regional Selection Team

2019

- Selected to represent Bizkaia in regional competitions, demonstrating teamwork and athletic excellence

LANGUAGES

Spanish (Native), Basque (Native), English (B2), French (A2)