MARKEL RAMIRO VAQUERO

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EDUCATION

- **University of the Basque Country (UPV/EHU)** *Sep 2020 - Jul 2024*
Bachelor of Science in Artificial Intelligence **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%)

- **Zrive Applied Data Science Program** *Apr 2025 - Jul 2025*
Intensive Data Science Training **Remote**
  - 13-week intensive program designed for high-performing university students and young professionals launching careers as Data Scientists
  - Working on a 6-week churn prediction project in collaboration with Komorebi AI using time series modeling and LSTM networks

EXPERIENCE

- **Devol RPA** *Jul 2024 - Present*
Data & AI Engineer **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** *Sep 2023 - Mar 2024*
AI Integration Specialist (intern) **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** *Mar 2023 - Jul 2024*
Founder & Developer
  - 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** *Nov 2024 - May 2025*
Freelance Developer
  - 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

LANGUAGES

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

ADDITIONAL INFORMATION

- **Professional DJ:** Performed at events with up to 1,000 attendees in Bilbao venues (2019-2024)
- **Football Player:** Selected for Bizkaia Regional Selection Team representing the region in competitions (2019)