

Federico Martínez

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Cranfield University, United Kingdom

PERSONAL STATEMENT

Technical Project Manager and MBA candidate (Chevening Scholar, Cranfield University) with a decade of experience delivering enterprise-grade digital products. I combine deep software engineering expertise with strategic Artificial Intelligence (AI) implementation and relationship-driven leadership, earning unanimous client trust and personal commendations from C-level stakeholders, including the Chief Technology Officer (CTO) of the NFL.

KEY ACHIEVEMENTS

- Awarded the Chevening Scholarship (£65,000) by the British Government and the Diverse Futures Scholarship from Cranfield University, granted to outstanding candidates demonstrating leadership potential and commitment to driving positive impact through technology (2025).
- Promoted six times within four years at Qubika, progressing from Mobile Engineer to Delivery Manager and leading international teams of up to twenty professionals to deliver large-scale digital platforms for organisations serving over five million users across the United States, achieving 99.2% system reliability (2021-2025).
- Led a twenty-person cross-functional team to deliver a multi-platform event management system for the NFL, collaborating directly with NFL directors, the NFL CTO, and Amazon's NFL engineering team, receiving a personal commendation from the NFL's CTO (2025).
- Pioneered AI-driven project management practices, designing intelligent agents to plan, scope, automate and generate development tickets deployed directly into codebases, reducing planning cycles by 70% and accelerating delivery across multiple concurrent projects (2024-2025).

EDUCATION

MBA – Cranfield School of Management, Cranfield University, United Kingdom (2025 – 2026)

Full-time MBA sponsored by the Chevening Scholarship (£65,000 award from the UK Government).

Bachelor's Degree in Software Engineering - University ORT Uruguay (2016 – 2022)

- *Specialisation: Business Administration and Team Management*
- *Thesis: Designed an AI-integrated software system to optimise wind turbine output, compressing a 1.5-week manual diagnostic workflow to under 5 minutes, a 99%+ reduction in processing time.*

(Additional distinction: Awarded an athletic scholarship at Uruguayan American School for excellence in sports and academics.)

CAREER HISTORY

MedIPet - Technical Lead (January 2026 – present)

Pet health insurance startup (Uruguay). Acting as technical lead and sole technology owner while completing the MBA.

- Architected and delivered the full technology stack from scratch: company website, a custom-coded Customer Relationship Management (CRM) system, payment platform, and end-to-end process automation, enabling the business to operate without an internal engineering team.

Qubika – Mobile Engineer → AI Project Manager → Delivery Manager (June 2021 – January 2026)

Global technology consultancy delivering software solutions for clients in finance, insurance, education and entertainment across North and Latin America. Joined as a Mobile Engineer and was promoted six times in four years, progressing to AI Project Manager and then Delivery Manager leading teams of up to twenty professionals.

- Integrated AI and automation tools into project management workflows, deploying intelligent agents to streamline planning, scoping, reporting and delivery, reducing administrative workload by 70% and accelerating delivery cycles across multiple concurrent projects.
- Led a twenty-person cross-functional team (design, mobile, web, backend, data and security) to deliver a multi-platform event management system for the NFL, coordinating real-time data synchronisation and live deployments across 15+ US venues; project completed under pressure and personally commended by the NFL's CTO, who recommended the team for future opportunities. Collaborated directly with NFL directors and Amazon's NFL engineering team.
- Directed large-scale digital transformation projects in the banking and insurance sectors (including Kinly and Vooks), supporting platforms serving over five million users and achieving 99.9% uptime across critical systems handling real-time transactions.
- Negotiated and secured long-term client partnerships through strategic delivery, contributing to contract renewals exceeding \$2 million annually; mentored junior developers and introduced agile delivery frameworks, improving team velocity by 25%.

GeneXus – Web Developer (December 2020 – June 2021)

Uruguayan software company focused on low-code development and digital innovation.

- Enhanced front-end performance in React and Angular applications, achieving 25% faster load times and improved customer satisfaction.
- Collaborated within agile teams to deliver enterprise web solutions under tight delivery schedules.

Research Uruguay – Technical Support & Web Developer (May 2017 – December 2020)

Uruguayan market research firm specialising in qualitative and quantitative studies for multinational corporations, local companies and public organisations.

- Developed front-end solutions using Angular and React, improving user interface consistency and stability across multiple client platforms.
- Delivered reliable technical support and web maintenance, increasing long-term client retention and product quality.

SKILLS & EXTRACURRICULAR

- **Languages:** Native Spanish, fluent English
- **AI & LLM:** Claude API, OpenAI API, n8n, Antigravity, Cursor, GitHub Copilot, Claude Code, Model Context Protocol (MCP), Gemini
- **Engineering:** React Native, React.js, TypeScript, Firebase, Azure, Nest.js, Git, Continuous Integration/Continuous Deployment (CI/CD), REST APIs, Figma
- **Project & Delivery:** Jira, Confluence, Agile, Scrum, stakeholder management, roadmapping
- **Volunteering:** Fundación Los Tréboles (Uruguay), supporting underprivileged children in accessing education and digital skills
- **Societies:** Chevening Alumni Uruguay (2026-present), Chevening Alumni Worldwide (2026 – present), Cranfield University AI Society (2025 – present)
- **Interests:** Trekking (Everest Base Camp, Iceland), surfing, football, Uruguayan American School athletic scholar

PRODUCTS & EXPERIMENTS

Personal Health Analytics: Biometric dashboard aggregating wearable data (sleep, exercise, Heart Rate Variability) with anomaly detection for cardiac signals and day-to-day pattern analysis.

Personal Finance: Automatically captures transaction data, categorises spending, enforces monthly caps and surfaces consumption trends, replacing manual budgeting with personal financial intelligence.