

MATIAS JACKSON FASCIOLI

AI Engineer & Automation Specialist

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Spanish, Italian and Uruguayan citizenship · EU work authorization, no visa required

PROFILE

AI engineer and full stack developer with over 4 years building artificial intelligence systems and end-to-end business process automation. Experience designing generative AI, data analysis and workflow automation solutions for public sector and financial clients, including projects for the Spanish Directorate-General for Traffic (DGT), Metro de Madrid and the Madrid regional government while at Accenture. Full technical range: Python and TypeScript, LLM orchestration, autonomous agents and MCP servers, n8n, React, and cloud deployment with DevOps practices on real-time critical infrastructure. BSc in Mathematical Engineering applied to Data Analysis.

PROFESSIONAL EXPERIENCE

Technological Consultant · AI, Automation & Infrastructure · Bitcoin SV Association Aug 2025 – Present
Remote

- Built an MCP server that allows AI agents to hold their own wallets and operate autonomously on-chain.
- API-first architecture across multiple MCP servers, making every product controllable and composable by AI agents.
- Designed and built open source libraries that simplify and automate full blockchain operations, lowering the barrier to entry for development teams.
- Developed in-house DeFi products (prediction markets and launchpads) and integrations with external tools.
- Automated internal department management and ecosystem analysis, with executive-level dashboards.
- Spyglass: in-house analytics tool measuring the organization's presence and momentum across social media.
- DevOps and CI/CD practices across the organization's core technology systems.

Blockchain Infrastructure Specialist · Cybersecurity · EurocoinPay Jan 2026 – Present
Madrid, Spain · part-time

- Accountable for the availability and performance of the critical infrastructure of a fintech registered with the Bank of Spain, running real-time payment and exchange operations.
- Technical lead for the evolution, maintenance and improvement of existing systems, setting the roadmap and coordinating delivery.
- Operational resilience: monitoring, incident management, contingency planning and disaster recovery.
- Cybersecurity for financial infrastructure: key management, access control, hardening and auditing.
- Contributed to adapting the platform to the EU DORA and MiCA regulations.

AI & Full Stack Developer · Accenture S.L. Jan 2022 – May 2025
Madrid, Spain

- Led the development of AI projects applied to data analysis for major public sector clients, including the Spanish Directorate-General for Traffic (DGT), Metro de Madrid and the ODIN platform.
- Built predictive models across business and public service domains, working with datasets of widely varying scale.
- Developed generative AI solutions embedded in client processes and products, including RAG systems with semantic retrieval.
- Mathematical optimization models for night route planning at Metro de Madrid.
- AI system for automating and analyzing recruitment screening processes.
- Digital transformation and cloud migration projects for Madrid City Council.
- Full stack development with React and Angular on the frontend, Python and Java on the backend, plus cloud services management with DevOps practices.

Automation Lead · Full Stack Developer · Sanwa Energía S.L. Jan 2023 – Dec 2023
Madrid, Spain · freelance

- Designed, built and ran a platform that automates end to end the registration and legalization of aerothermal and self-consumption energy installations, cutting processing time from months to minutes.
- Owned the automation: flow design, integration with the public bodies and systems involved, and continuous evolution of the platform.
- Built the backend and the web and mobile integrations supporting daily business operations.
- Managed software projects end to end, delivering on time and to quality.

Founder & Developer · BrokerAI · brokerai.es · own product Nov 2024 – Mar 2026
Madrid, Spain

- Built and shipped BrokerAI, a platform with an AI assistant for analyzing and managing long-term investment fund portfolios.
- Quantitative fund analysis with machine learning and artificial intelligence.
- Portfolio risk and return assessment using predictive models.
- Selection and rebalancing algorithms applied across roughly ten real portfolios.
- Developed as a proof of concept for a private banking institution, which I still advise on an occasional basis.

Freelance Web Developer · Sotogrande Consultores · RE/MAX group Jan 2025 – Jun 2025
Madrid, Spain

- Built sotograndeconsultores.com with CRM integration for a luxury real estate agency.
- Implemented with Next.js, automating lead capture into the CRM.

TECHNICAL SKILLS

AI & LLMs generative AI · LLMs · autonomous agents · MCP (Model Context Protocol) · RAG with pgvector · semantic search · prompt engineering
Automation n8n · business process automation · end-to-end workflows · API-first architecture · API integrations
Data & ML machine learning · predictive modeling · mathematical optimization · data analysis · pandas · scikit-learn
Languages Python · TypeScript · JavaScript · Java · SQL
Frontend React · Next.js · Angular · HTML5 · CSS3
Backend & APIs Python · Node.js · REST APIs · web application development
Cloud & DevOps Google Cloud · AWS · Azure · Docker · CI/CD · Git · Linux
Databases PostgreSQL · pgvector · Elasticsearch · SQL and NoSQL
Infrastructure & security high availability · monitoring · incident management · cybersecurity · DORA · MiCA · blockchain
Ways of working Scrum · Kanban · IT project management · technical leadership

EDUCATION

BSc in Mathematical Engineering applied to Data Analysis · Universidad Europea de Madrid 2021 – 2025
Madrid, Spain

- Advanced statistical analysis, data modeling, mathematical optimization and simulation, machine learning and data mining algorithms, software architecture, systems and networks, information security and databases.

Baccalaureate in Technological Sciences · Colegio Mirabal Internacional 2020
Madrid, Spain

LANGUAGES

Spanish native
English C2 · Certificate of Proficiency in English (CPE)

ACHIEVEMENTS

- Winner of the university programming contest two years running.
- Contestant in the Ada Byron inter-university regional contest two years running.
- Ongoing development of personal AI and automation tools; project portfolio at jackson-strong.es and github.com/MatiasJF.
- Regular participant in competitive programming contests.