



Michele Sanna

CTO & CPTO · Data Scientist · PhD Applied Mathematics

Sardinia, Italy · English & Italian

Engineering integrated software solutions and smart systems. Building data & AI capability from zero for companies in growth, from architecture to strategy, end-to-end.

Revolut

JPMorgan

Deloitte

Brevan Howard

Accenture

LSE

EXPERIENCE

- APR 2026 — PRESENT

Presidente CDA & CTO
Cooperativa Agricola Terra Noa · Full-time
Portoscuso, Sardinia · On-site

Board President and CTO. Designing and implementing IoT sensor networks for precision agriculture, building real-time data pipelines for crop and soil monitoring, and integrating SCADA-based operational technology with cloud analytics. End-to-end ownership of tech strategy, vendor selection, and infrastructure.
- APR 2025 — PRESENT

Co-Founder & CPTO
SerSan, AI Studio · Full-time
London, UK · Remote

Co-founded a tech consultancy delivering custom AI, data, and cloud solutions for enterprise clients scaling their digital and data capability. End-to-end technical architecture, AI/ML product strategy, cloud infrastructure design, and engineering team leadership across energy, agriculture, fintech, and insurtech verticals.
- DEC 2024 — APR 2025 · 5 MOS

Chief Technology Officer
Salvatori · Contract
Forte dei Marmi, Tuscany · Remote

Full ownership of the technology landscape for a luxury design brand: infrastructure, CI/CD, security, analytics, and internal tooling. Implemented process automations, RPA workflows, and AI/multi-agent systems. Standardised monitoring, logging, and alerting.
- FEB 2023 — DEC 2024 · 1 YR 11 MOS

Business Architecture, Senior Consultant
Accenture · Full-time
Rome, Italy · Remote

Led multi-disciplinary teams delivering ERP, CRM, and smart automation solutions for public administration. Designed architectures reducing workflows from weeks to days. Worked on regional healthcare systems (SIBAR, SISAR, FSE Sardegna). Coordinated business, IT, and vendor teams.
- MAY 2021 — OCT 2024 · 3 YRS 6 MOS

Chief Technology Officer
Stealth Startup (Greentech / Renewables) · Freelance
London, UK · Remote

Co-led a digital platform for smart electric yacht chartering. Built real-time fleet monitoring with IoT telemetry, predictive maintenance models, and route optimisation. Designed SCADA-adjacent control systems for charging schedules, energy consumption forecasting, and asset utilisation. Full ownership from inception to exit.

EXIT Oct 2024
- 2021 — 2023 · 2 YRS

Senior Market Analyst
Brevan Howard · Freelance
Cayman Islands · Remote

Quantitative portfolio and market analysis using Bloomberg Terminal and custom models. Built risk and performance dashboards for portfolio managers. Developed frameworks for scenario analysis, stress testing, and factor attribution.
- FEB 2021 — NOV 2022 · 1 YR 10 MOS

Data Scientist & ML Engineer
Deloitte · Contract
London, UK · Remote

Led ML projects including models for autonomous orbit management in LEO satellite constellations. Built data pipelines, feature engineering workflows, and ML models for financial analysis, audit support, and anomaly detection. Deployed to production using Python, Docker, and Kubernetes.

SKILLS

Languages & Frameworks

- Python (Adv)
- NumPy
- PyTorch
- TensorFlow
- LangChain
- LlamaIndex
- Django/Flask
- FastAPI
- TypeScript
- React
- SQL
- N8N

Infrastructure & Data

- AWS/GCP/Azure
- Docker
- Kubernetes
- Kubeflow
- Helm
- Terraform
- PostgreSQL
- MongoDB/DuckDB
- VectorDB
- Kafka/RabbitMQ
- Supabase
- Grafana
- Kibana
- OpenTelemetry
- Azure DevOps
- Gitlab CI
- MQTT
- Serverless

Strategic & Domain

- Tech Strategy
- Enterprise Arch
- Product Mgmt
- Team Leadership
- Data Governance
- API Orchestration
- ERP/CRM Dev
- SCADA & OT
- IoT & Edge
- FinOps
- Cloud Cost Opt
- Digital Transf
- Agile/Scrum
- Biz Analytics
- Risk Mgmt
- Stakeholder Mgmt
- Atlassian Suite
- Smart Agriculture
- Renewable Energy

EDUCATION

LSE

BSc, Mathematics with Data Science
2019 — 2022

Università Mercatorum

Master's, Digital Transformation
2023 — 2025

LSE

PhD, Applied Mathematics
Stochastic Differential Geometry for Optimization in Deep Learning

CERTIFICATIONS

PMP

Project Management Institute · 2024

Cambridge English C1 Business Higher

Cambridge English

CBAP®

IIBA

EXPERIENCE (CONTINUED)

● NOV 2019 — JUL 2022 · 2 YRS 9 MOS

Financial Business Consultant

JPMorgan Chase & Co. · Full-time

London, UK · Remote

Managed advanced financial analysis projects leveraging data science, quantitative methods, and large financial datasets. Developed and maintained models, tools, and dashboards for risk, valuation, and portfolio decisions. Automated manual reporting and analysis workflows. Coordinated with clients, traders, and risk officers.

● DEC 2018 — JUL 2019 · 8 MOS

Full Stack Engineer

Revolut · Full-time

London, UK · Hybrid

Developed backend microservices for core banking and financial features, focusing on performance and reliability. Contributed to frontend components using JavaScript, TypeScript, Angular, React, and Next.js. Worked closely with product and design to implement features end-to-end. Participated in code reviews, refactoring, and optimisation.

WHAT I'M LOOKING FOR

A company in a growth phase where I can build the data and AI capability from zero, not as a siloed technician, but as a strategic partner to the leadership team.

A context where the freedom to design the architecture, choose the technologies and define the roadmap is real. Where data drives business decisions, not just dashboards.

SCADA integration, production forecasting, IoT monitoring, predictive maintenance, NIS2 compliance, BESS optimization, smart agriculture, these are the kinds of challenges that excite me.

LinkedIn · Email on request

Greater Cagliari Metropolitan Area, Sardinia