

JÉRÔME LALOUETTE

IT Program Director & Enterprise Architect | Cloud, Agile & AI

Paris, France (Available / Open to relocate internationally) | LinkedIn : [linkedin.com/in/jeromelalouette](https://www.linkedin.com/in/jeromelalouette) | Portfolio : my-resume.website

PROFILE : Experienced (+20 years) Program Director, Enterprise Architect, and Delivery Manager specializing in leading large-scale technological transformations and software industrialization. Expert in bridging C-Level strategy with technical execution, managing distributed teams (70+ collaborators), and overseeing P&Ls (€1.5M). SAFe and ITIL 4 certified, recognized for AI integration (LLMs, Copilot), securing critical financial platforms, and guaranteeing predictable delivery in highly regulated environments.

KEY SKILLS & TECHNICAL STACK

- **Program Management & Methodologies :** Agile SAFe (Release Train, PI Planning), Agile Scrum, ITIL 4, LeSS, Extreme Programming (XP), SDLC, V-Model, P&L Management (€1.5M), C-Level Governance (COMEX, CIO, CISO), Risk & Dependency Management (Jira / Confluence).
- **Industrial AI & Data Science :** LLM Industrialization (Gemini APIs, Claude, RAG, Prompt Engineering), GitHub Copilot (at-scale deployment), Machine Learning (Logistic Regression, Fellegi-Sunter), Edge AI, Algorithmic Trading (C#, cTrader Automate).
- **Cloud Architecture, DevOps & Security :** Multi-Cloud (AWS, Microsoft Azure, AWS OpenSearch), Microservices / DXP / CRM Architectures, Cloud Migration, IaC (Terraform), CI/CD (CircleCI, Git, SVN), Cybersecurity (OWASP, RGAA Accessibility, DRP / BCP).
- **Development Languages & Ecosystems :** C# .NET, PHP / Symfony, Python (NumPy, PyTorch), C, C++, JavaScript (Vanilla, React / Next.js, Angular), SQL (MySQL, MariaDB, MS SQL Server), HTML/CSS.

PROFESSIONAL EXPERIENCE (IMPACT & RESULTS ORIENTED)

Global Head of AI Enablement — **UNIFIED PROCESS EXPERTS LTD** (11/2025 – Present | Mauritius - Remote)

Sector : FinTech & Regulated Financial Markets

- **Context & Mission :** Definition and management of the IT AI strategy and global governance for an international FinTech group operating in highly regulated financial markets.
- **AI Engineering & Algorithmic Trading :** Design and industrialization of an intelligent automation platform integrating advanced LLM APIs (Gemini, Claude) and ML models for decision support and autonomous risk execution. Development of real-time automated trading algorithms (C#, cTrader Automate).
- **Governance & Compliance :** Establishment of a strict governance framework and guardrails (DPA, local AI strategies, Edge AI for data isolation). Client onboarding to AI best practices (RAG, Human-in-the-loop, elimination of Shadow AI/IT).
- **Quantified Results :** Operationalized a fully automated trading model generating a Profit Factor of 2.19 over millions of transactions; validated absolute regulatory compliance.

Head of Digital & Enterprise Architect — **VERSUSMIND** (07/2019 – 08/2025 | Luxembourg / Paris / Mauritius)

Sector : IT Consulting ~200 consultants

- **Practice Leadership & P&L :** Full creation, structuring, and scaling of the digital practice (ERP, CRM, DAM, DXP, AI). Management of a distributed team of 70+ experts (architects, tech leads, devs, QA, PM, UX/UI). P&L management (€1.5M annual revenue) and creation of 2 offshore subsidiaries (+60 consultants).
- **FFB Project (French Building Federation) - Program Dir. :** Primary liaison to the Executive Committee (COMEX). Supervision of the CRM Architecture & Web Portals for 770,000 users and 50,000 member companies. Deployment of Agile SAFe (Release Train, PI Planning) and ITIL 4 to unify 120+ legacy websites.
- **Alcatel-Lucent Enterprise (ALE) Project - Project Dir. :** Direction of the global web/intranet overhaul and management of complex cloud migration from AWS to Microsoft Azure. Direct interface with CIO, CISO, and VPs for strategic and security alignment. Jira/Confluence delivery management.
- **Internal GenAI Program :** Definition of a 'Bottom-Up' Generative AI adoption strategy. Organization of an internal conference with Microsoft GitHub and at-scale deployment of GitHub Copilot for all tech leads.
- **OHS Lorraine & LSE Projects :** Design of the architecture (DAT) for a personal services marketplace compliant with RGAA web accessibility standards (OHS); delivery of a secure financial contribution module (Luxembourg Stock Exchange).

- **Quantified Results** : French Building Federation (FFB): +120% regional agency contributions and +260% web traffic (80k to 208k visits/month in Year 1). Alcatel-Lucent: cloud cost reduction and significant drop in L1/L2/L3 support tickets. OHS: zero production incidents and national rollout planned by 2028.

Team Leader & Engagement Manager — PROGETIS (02/2017 – 06/2019 | Luxembourg / Paris)

Sector : B2B Property Management SaaS Publisher

- **SaaS Management & Modernization** : Management of a team of 16 developers (Build & Run) on a complex legacy SaaS application portfolio. Management of 50 dedicated servers and partial migration to AWS OpenSearch for indexing. Engineering practice standardization (Agile Scrum, SOLID, TDD, XP, OWASP).
- **Pierre & Vacances - Center Parcs Account (Engagement Manager)** : Operational direction of the centralized availability and booking module for 50,000 rental properties, a critical system tied to financial flows worth €1.9 billion annually.
- **Quantified Results** : Drastic reduction in L1/L2 support escalations via technical documentation and automated testing; massive reduction in Pierre & Vacances property availability risks and dynamic rental cost optimization.

IT Manager & Developer — INDEPENDENT CONSULTANT & R&D PROJECTS (04/2013 – 07/2016 | Nice / Paris / Luxembourg)

Sector : Digital Consulting, E-Commerce, Mobile & Applied R&D

- **E-Commerce & Digital (Motorcycle Equipment)** : Design, development and management of a B2C e-commerce platform specialized in motorcycle equipment and accessories. Ownership of the sales cycle, logistics, sales data visualization and UX.
- **iOS Cloud Storage App** : R&D design and development of a native iOS cloud storage system focused on security, backup and data synchronization.
- **Social Media SaaS & SAFe Training** : Development of an R&D SaaS platform for Instagram audience analysis and marketing automation; upskilling and training on the SAFe agile-at-scale framework.
- **Flash (Redspher) - Lead Dev, Route-Attribution Engine** : Audit and rebuild of the central route-attribution engine of a premium transport leader in Luxembourg: an undocumented legacy PHP monolith with a very large database, running nightly as a cron job and prone to timeouts and memory overruns. Recomposed into sub-modules with error handling, calculation recovery on system failure, observability and alerting (PHP, MySQL, Python – Agile Scrum).
- **Quantified Results** : Considerably reduced manual workload for the route-planning teams; technical documentation delivered and skill transfer completed.

Lead Consultant (Scrum Master, Product Owner, Senior Dev) — AUSY RANDSTAD DIGITAL PSF (09/2009 – 02/2013 |

Luxembourg / Paris)

Sector : Banking & Finance IT Consulting (PSF)

- **Crédit Agricole (GIE Synergie) - Team Lead** : Direction and training of 3 technical teams (16 developers) to build the Basel II regulatory reporting application. Migration from Excel/Pascal tools to a standardized web portal.
- **Société Générale CIB - Senior Developer** : Development of the global monitoring and secure access control system (badges, authentication) post-financial incident. Management of an offshore team in India (onboarding of a local Tech PM).
- **Amundi / Fund Channel - Lead Developer** : Design of a critical financial reporting engine for top asset managers (JP Morgan, BNP, Rothschild) based on a Data Factory architecture and a logistic regression ML model (MiFID II, AIFM, UCITS standards). DRP deployment with the local data center.
- **Groupe Agricola - Technical PM & Scrum Master** : Digitalization of the online insurance subscription journey and deployment of Agile Scrum methodology across all group development hubs.
- **Quantified Results** : Operational Basel II reporting at Crédit Agricole; complete elimination of manual report composition at Amundi for billions of euros in assets; global access control security at SGCIB.

Senior Analyst & Developer — INTERMEAT 2 S.A. (02/2008 – 07/2009 | Luxembourg)

Sector : Agri-food Business Services & Digital Solutions

- **European QHS Application** : Design of a web application to track workplace accidents with custom data export modules compliant with social security standards across multiple European countries.
- **ML Reconciliation Engine (Adia press)** : Engineering and development of a contact data reconciliation engine (record linkage) based on the Fellegi-Sunter probabilistic Machine Learning model (C modules & Python NumPy).
- **Pixel Production** : Development of thumbzy.com tool generating millions of website thumbnails.
- **Quantified Results** : Major time savings on European workplace accident processing; complete automation of Adia press data reconciliation workflow.

IT Manager & Developer — GROUPE BS (Bouchers Services) (04/2001 – 11/2007 | France)

Sector : Food Industry Services

- **Intranet & Mobile Terminals** : Design and administration of corporate Intranet. Deployment of 700 mobile handheld devices (Psion Workabout) across 40+ industrial sites to track production output and working hours. Server synchronization and Adonix ERP data injection.
- **Quantified Results** : Secured accounting reliability by eliminating manual data entry; monthly payroll processing time halved (saving a full week of work for 7 people each month). Successful change management for 700 users.

EDUCATION & CERTIFICATIONS

- **Certifications & Continuous Learning** : SAFe (Scaled Agile Framework), ITIL 4, Fast AI (Practical Deep Learning for Coders), eXtreme Programming (XP), Ibexa Sales.
- **Initial Degree** : Bachelor's Degree (Bac+3) in Computer Graphics & Applied Design – École des Buttes Chaumont, Paris (1992 – 1994).
- **Languages** : French (Native), English (C1 Fluent), German (A2)

PERSONAL INNOVATION PROJECTS & DEEP TECH

- **Web Architecture & Innovation (P2P Chess Platform)** : Technical specification and MVP design for a Peer-to-Peer online chess engine with real-time matchmaking.
- **Quantum Programming (Pasqal)** : Training and implementation of Applied Machine Learning algorithms using Python libraries Pulser & Pyqtorch (Quantum core).
- **Tech Publishing ('The Digitalist')** : Author of Deep Tech articles and speculative fiction web-novels exploring technology and societal impacts.