



KEY SKILLS

Core Banking & Legacy

Avaloq Core Banking · Avaloq Wealth Platform (AWP) · Olympic Banking System · SARA · COBOL (earlier) · DB2 · AS/400 · Progress 4GL (earlier)

Release & Operations

Release Management · rehearsals · non-regression testing · reporting · environment management · refresh · anonymisation · support & on-call · DRP · high availability

Platforms

Red Hat OpenShift · Kubernetes · RHEL · ACPR

Streaming

Apache Kafka · Strimzi · KRaft

Automation & CI/CD

UC4 Automic · Azure DevOps · Git · Bash · PowerShell · CI/CD

Observability

ELK · Prometheus · Grafana · AlertManager · Zabbix

Databases

Oracle · PL/SQL · SQL Server · MySQL/MariaDB

Development

Java / Spring Boot · Python / FastAPI · PHP / Symfony

Applied AI

LLM · Claude Code · Codex · Git/Markdown corpus · documentation automation

Nicolas Malinconico

Technical Lead | Core Banking · Release Management · DevOps & AI Automation

Metz, France · malinconico_nicolas@yahoo.fr · +33 6 20 25 96 36 · linkedin.com/in/nicolas-malinconico/ · malinconico.lu

— Profile

Technical Lead in Release Management with over 20 years in IT, mainly in banking. Expertise in Avaloq production releases, environment management, non-regression testing, tooling and automation. Contributed to setting up the new Avaloq Wealth Platform (AWP) product on OpenShift, including Kafka/Strimzi. Experience in resilience, high availability and DRP exercises, as well as LLM-assisted automation and versioned technical documentation.

— Professional Experience

Technical Lead – Release Management

2018 – present

Banque de Luxembourg · Luxembourg

Avaloq Core Banking — Release Management & Production

- Prepare, coordinate and track Avaloq releases and deployments with development, infrastructure and security teams (rehearsals, pre-release checks).
- Organise non-regression testing and results reporting.
- Build and evolve internal tooling and automation (PL/SQL, Bash, PowerShell, Java Spring Boot, UC4 Automic, Azure DevOps).
- Manage Avaloq environments: environment and Oracle database refreshes, anonymisation of sensitive data (GDPR).
- Production operations: incidents, support and on-call; ELK, Prometheus, Grafana, AlertManager monitoring; high availability and disaster recovery (DRP) exercises in a banking environment.

New Avaloq Wealth Platform (AWP) product on OpenShift

- Contributed to setting up and deploying the new Avaloq Wealth Platform (AWP) product on Red Hat OpenShift.
- AWP Kafka stack: installation and configuration with Strimzi, contribution to the KRaft migration, topic troubleshooting, Grafana monitoring.

Release Management Engineer

2014 – 2018

Banque de Luxembourg · Luxembourg

- Integrated and deployed Avaloq Core Banking developments (Oracle, PL/SQL).
- Organised production releases and coordinated business and technical teams.
- Bulk testing, delivery qualification, automated checks and code reviews.
- Built release tracking tools and reporting.

— Earlier Experience

IT Technical Analyst

Feb 2012 – Aug 2014

RBC Investor Services · Esch-sur-Alzette, Luxembourg

- Application deployments and production releases.
- AIX Shell scripts for batch processing, scheduling, alerting and automation.
- Monitoring of business applications and the SWIFT chain.

Analyst Programmer

Sep 2008 – Jan 2012

RBC Investor Services · Esch-sur-Alzette, Luxembourg

- Progress 4GL development on SARA, a transfer agency and registrar package.

EDUCATION

DEST – Higher Technical Studies Diploma (4 years)

Computer Science –
Networks, Systems &
Multimedia
CNAM, Metz ·
2004 – 2006

Professional Bachelor's degree (3 years)

Internet / Intranet Systems
Design & Integration
IUT Charlemagne, Nancy ·
2003 – 2004

DUT – Two-year technical degree

Computer Science –
Software Engineering
IUT, Metz · 2001 – 2003

LANGUAGES

French — native

English — professional
working proficiency

INTERESTS

Sport

HYROX · running ·
strength training / cross-
training

Music

electric guitar ·
acoustic guitar · home-
studio

Technology

tech watch · AI · DevOps ·
open source

- SQL optimisation, asynchronous processing and refactoring.
- Functional analysis, production incidents, support and documentation.

Analyst Programmer

Jan 2007 – Aug 2008

ERI Bancaire · Luxembourg · *earlier experience*

- Olympic Banking System: development in **COBOL**, SQL/DB2 and XML on AS/400.
- Data migration when onboarding new clients, including UniCredit.

IT Technician

Sep 2004 – Jan 2007

Ascométal · Hagondange, France

- Application coordinating external contractors' work (Visual Basic 6, Access).
- Contributed to an industrial load-shedding and energy management project (Java J2EE).

— Applied AI & Knowledge Capture

Banque de Luxembourg · Release Management team

- Automating recurring IT and documentation tasks with LLM assistance (in day-to-day use in the team).
- Building and structuring a Git/Markdown-versioned technical documentation corpus.
- Contribution, review and traceability process for colleagues' input (being defined), with safeguards: confidentiality, secrets, access control and banking data.

— Personal Projects & Entrepreneurship

Calenzen · calenzen.fr

2026 – present

Founder and developer — business SaaS

Tailored business SaaS for massage institutes and wellness professionals, designed, built and run on my own, used by clients.

- Online bookings, multi-practitioner scheduling, workshops and gift cards; Stripe payments and deposits; email/SMS alerts and reminders; management features, accounting exports and custom features.
- Python/FastAPI, MySQL, multi-tenant, pytest and Playwright tests, GitHub Actions CI; built with Claude Code and OpenAI Codex (AI-assisted development tools), with human approval before every release.

nmcharts · nmcharts.malinconico.lu

Author — open source

Lightweight, dependency-free open-source JavaScript library for interactive Canvas charts.