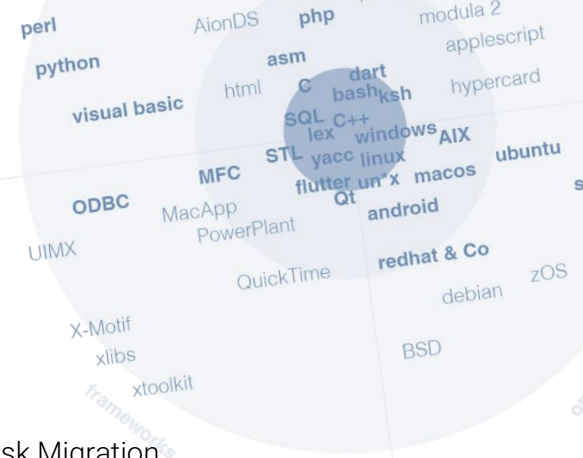




JACQUES LOVI

SOFTWARE ENGINEER



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SUMMARY

Master Degree
In Computer Sciences

VALUES

Teaming
Authenticity
Loyalty
Independence
Flexibility

CORE SKILLS

C/C++
SQL
Qt

SOFT SKILLS

Solution oriented
Enthusiast
Imaginative
Innovative
Cautious
Realistic

EXPERIENCE IN

Coaching
Team leading



EXECUTIVE HIGHLIGHTS (ELITE)

IBM – High-Impact, Minimal-Risk Migration

- > Conceived and delivered internal code-transformation tooling to accelerate **AionDS** → **C++** conversion and structured cleanup across large estates.
- > **Impact: ~30 person-years** → **1 person -year**, safer delivery; improvements noticed by application managers and surfaced to customer leadership.

IBM – CLS Settlement: Verification-Heavy Refactor (literals → constants)

- > Designed and led a **verification-first** tool to refactor code in a mission-critical codebase.
- > **Scope/Execution: 4-person team, 1 month**, on-time.
- > **Outcome:** Management commendations; operated in an environment handling **multi-trillion daily flows**.

u-blox – Build System Modernization

- > Replatformed two complex projects to **CMake/Ninja (cross-platform)**.
- > **Impact: night+ → minutes** builds at most; standardized developer workflows.

Acerta/Shéhérazade – Formula Engine & SQL Translator

- > Maintained/extended **MFC/C++ GUI**, **formula interpreter**, and **formula** → **SQL WHERE** translator.
- > **Impact:** legacy rationalization; improved maintainability and risk profile.

LEADERSHIP SNAPSHOT

CLS tooling: delivered in **1 month** with a **4-person** team; verification-first approach; on-time and commended.

SRWL: project manager on a critical stream (scope per client context).

€2M web program, 15 people: recovered **–10%** at-risk to **on-plan**, delivered on time.

CONFIDENTIAL INTERNAL AI SUITE — INZeMOBILE (SINCE SEP 2025)

- > AI workflow tools: unified file-transfer pipeline; prompt-management (backend/web/extension), compatible with **Claude / OpenAI / Grok / Gemini**; UI/screen editor with positional formulas; JSON import/export to app frameworks.
- > Mobile delivery: cross-platform Flutter app (purpose confidential).

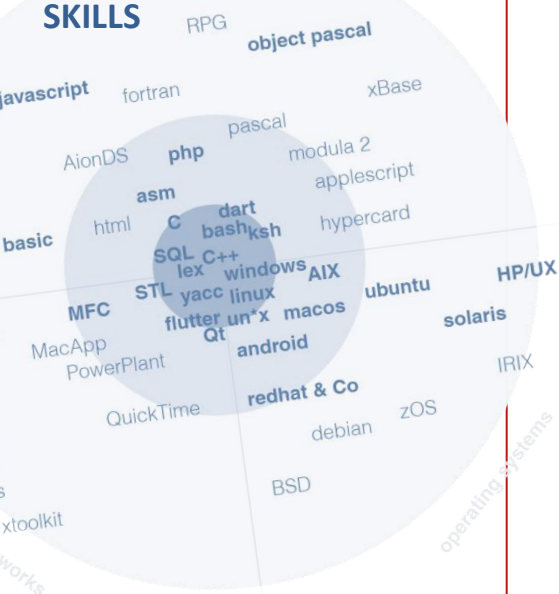
LANGUAGES

FR • Native

EN • C1

NL • B1

SKILLS



HOBBIES

- > IoT (hardware & software).
- > Culture: books, movies, music, history, sciences, travels, cooking.

MORE INFO

<http://jacques.lovi.com>



PROFESSIONAL EXPERIENCE (CONCISE CHRONOLOGY)

2020–Present — Software Engineer & Owner, InZeMobile

- > 2025: internal AI suite + external Flutter app.

2021–2025 — Software Engineer, Acerta / Shéhérazade

- > MFC/C++ GUI; formula interpreter; formula → SQL components; targeted modernization.

2016–2020 — Software Engineer, u-blox

- > C++ on a C/C++ compiler targeting a VSP; build re-engineered to CMake/Ninja (cross-platform).

1997–2016 — IBM (Software/System Engineer • Project Manager)

- > Software deliveries in banking, industry, administration, energy, healthcare; internal refactor tools; AIX/Linux L3 support & automated maintenance reporting; €2M web project (15 ppl) turnaround.

1996–1997 — Software Engineer, Elscint (Israel)

- > Enhanced an in-house application engine driving CT scanner software components; C++ focal point.

1995–1996 — Software Engineer, Highway Productions

- > Belgacom White Pages & Trends TOP 30000 CD-ROMs (Mac OS); ~95% code reuse via modular libraries.

1994–1995 — Software Engineer, RTL Informatique (Luxembourg)

- > Client/server apps for Agence France-Presse and Vincennes Hippodrome.

DURING STUDIES (SELECTED WORK)

- > Apple & Michelin (Paris) — Built the database for electronic Red/Green Guides on Apple Newton devices.
- > Office Central de Parapharmacie (Paris) — Built a product database and CD-ROM catalog.
- > Larousse (Paris) — User training and advisory.
- > Brugmann University Hospital — Medical imaging analysis software.
- > Import SME — SMB stock/billing app.

EDUCATION & TRAINING

- > M.Sc. in Computer Science (with honors), ULB Brussels — 1994 Thesis: software tool to analyze blood irrigation in human tissues using Doppler data.
- > IBM: Project Management Fundamentals (I & II), Leadership in a Project Team, Two-Way Communication, AIX Admin I/II, HACMP
- > Dassault Systèmes: SmarTeam Fundamentals, SmarTeam administration
- > Additional: Former beta-tester (Metrowerks/Motorola C/C++ compiler; SGI C/C++ compiler)