

Manon Dupuis

Business & Systems Analyst | Senior Mainframe Developer | IT Project Manager

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Bilingual FR/EN | Critical Systems – Banking / Insurance / Telecom | Architecture | Data | Cloud

Professional Profile

Versatile IT professional with over 20 years of experience spanning mainframe development, functional analysis, project management and technical documentation. I specialize in the full lifecycle of mission-critical systems - from business needs analysis to technical delivery, optimization, compliance and modernization. My goal is to contribute to strategic initiatives where precision, vision and cross-functional thinking are key assets.

Core Competencies

Analysis & Management	Development & Architecture	Data & Documentation
Business & systems analysis	High-performance COBOL development	Internal technical documentation (Jira, Confluence)
Functional specifications writing	Migration to Microfocus & cloud (GCP)	Cross-platform consistency (Mainframe ↔ AS/400)
QA coordination & deliverables	Assembler → COBOL rewriting	VSAM-based comma-delimited database with custom indexing and homemade search engine
Regulatory project oversight	COBOL → Python exploration (Gen-AI)	External User guides

Professional Experience

Equifax Canada | *Senior Mainframe Developer, Business Analyst & Project Manager*
2001 – 2025

- Led functional analysis and coordination of regulatory projects (Bill 53, Bill 152).
- Optimized credit file search engine (VSAM) and address parser: reduced “no-hits” by 2.5%.
- Optimized batch and real-time enrichment processes, improving performance by 50% and generating over \$2M in cost savings.
- Migrated core platform architecture from 24-bit to 31-bit, enhancing stability and scalability of critical applications.
- Integrated banking data into commercial platform (AS/400): ensured semantic consistency.
- Migrated legacy systems to Microfocus (COBOL Workbench): replaced CICS commands, rewrote Assembler modules.
- Supported GCP cloud transition team: clarified requirements, conducted testing and deployment.
- Produced rigorous technical documentation, authored specifications and supervised QA.
- Actively contributed to initial SDLC implementation and disaster recovery planning.
- Provided 24×7 support for transactional systems (earlier role, no longer desired).

Technical Environment

COBOL • JCL • ADABAS • SQL • VSAM • Assembler • CICS • TSO • SDSF • ISPF • Endeavor • FileAid • Xpediter • AbendAid • Omegamon • Control-M • Jira • Confluence • GCP

Education & Development

Summary: Hybrid background combining technical expertise, ethical reflection on AI and strong skills in analysis and writing.

- **Cloud 101** – LearnQuest (2024)
- **Responsible AI / Applied Computing Certificate** – Université de Montréal (2025–2026)
→ a combination that fuels a long-term vision of IT environments.
- **Data Analysis** – HEC Montréal (in progress)

- **Software Development Certificate** – Concordia University (2003)
 - **B.A. & M.A. in Political Science** – UQAM (1999)
 - Thesis on cohesion and participation in professional associations
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Leadership & Engagement

- Board Member - CCC-AC: Also responsible for designing and supervising the organization's official Facebook page
- Founding Member – UdeM Cercle Vinci (Responsible AI)
- Founder - Weekly Organic Basket Delivery in my backyard with *La Shop à légumes*.
- Reviewer – *AI by Hand: Deep Learning Math Workbook* by Tom Yeh (2024)
- Regional Lead – Equifax Sustainability Committee (until Sept. 2024)