Marc Brazeau

Ottawa-Gatineau, J9A 0A8 | (819) 503-6649 | litespeedmarc@gmail.com | linkedin.com/in/marc-brazeau-1b38072b

FULL-STACK DEVELOPER | ENGINEERING MANAGER
FRENCH | ENGLISH

Seasoned hands-on software architect and development manager with experience building systems that span data, APIs, web, and cloud. Marc has architected platforms from scratch, scaled them to production, and managed engineering teams. His background ranges from enterprise health systems to financial and data-driven platforms. Marc thrives where complex technical challenges meet real-world impact, from building solo to managing a team of builders.

Guided by four principles humoristically branded as W-E-E-D: stay close to the code and engage directly when it helps to move things along (get into the "W"eeds). Listen and stay attuned ("É"couter). Raise people and systems through continuous learning ("E"nrich"). Maintain equanimity and perspective under pressure ("D"on't sweat the big stuff)

EDUCATION

Executive MBA - Leadership and Driving Change (2019)
Gustav School of Business, University of Victoria, Victoria, BC

B.Com., Honours Management & Information Systems (1995)
University of Ottawa, Ottawa, ON.

TECHNICAL SKILLS

- **Cloud & Infrastructure:** GCP | Firebase | Cloud Run | Docker | Terraform | BigQuery | Jenkins | CircleCI | DLP
- **Software Development:** Java | Typescript | React | Node | Python | C# | Ruby | Php
- **Data:** PostgreSQL | Oracle | MSSQL | Firestore | MongoDB
- **DevOps:** CI/CD | IaC | reliability and monitoring | Git & Git Actions | vulnerability scanning & automations
- **AI:** LangGraph | Vector stores | RAG (Retrieval-Augmented Generation) | evaluation pipelines
- **Testing & Quality:** Jest | Playwright | Cypress | unit | integration | currents.dev | end-to-end automation
- **Observability & Instrumentation:** Phoenix, Arize, Cloud Logging, Looker, and more.

PROFESSIONAL EXPERIENCE

TELUS Health, Ottawa, ON
Development Manager - RAPIDS Health **2021 – 2025**
Led design and delivery of an AI-assisted clinical decision-support platform -- RAPIDS -- from concept to production. Started as sole architect, scaled to leading a 10-person cross-functional engineering team of application developers, devops engineers, data scientists, and quality analysts. Established CI/CD foundation on GCP enabling automated bi-weekly releases. Introduced development KPIs and dashboards that improved team visibility and delivery predictability. RAPIDS has positively touched and improved the mental health and lives of many Canadians.

Key Skills: Leadership | KPIs | Security | GCP | Java | Typescript | React | Next | Python | LangGraph | FHIR | HL7

Product Manager - Data Solutions **2020 – 2021**
Guided development and delivery of data solutions for government and large healthcare institutions. Defined priorities across engineering, QA, and business teams to ship FHIR-based integrations supporting provincial patient portals and automated treatment plans. TELUS FHIR Data Solutions have allowed the creation of various government portals giving Canadian patients important and life-changing access to their data.

Key Skills: Leadership | Datawarehouse | ELT | Mirth | PostgreSQL | MongoDB | Java | FHIR | HL7

TELUS Health, Ottawa, ON (continued)
Full Stack Developer - Mobile Platform **2017 – 2020**
Led integration of Quebec's EMR system into TELUS Health's national mobile platform, building secure authentication, prescriber workflows, and clinical charting features over a period of three years. When COVID hit in 2020, Marc contributed to the rapid deployment of the Virtual Visit platform, enabling virtual care for 26,000+ physicians nationwide within months. TELUS' EMR Mobile Platform provided Canadian physicians with seamless access to their data, furthering access to Canadian healthcare.

Key Skills: Mobile | EMR Leadership | Angular | Microsoft SQL Server | C# | Java | Typescript | WebRTC | React

Senior Java Developer - Electronic Medical Records (EMR) **2013 – 2017**
Senior member of a small team, responsible for the development and support of a nationally distributed Electronic Medical Record / Billing & Scheduling software (PS Suite). Implemented numerous functional and technical enhancements and changes to TELUS' PS Suite EMR product: billing, lab, prescriber, analytical reporting, chart optimizations, agnostic rdbms support, and more. PS Suite became Canada's leading electronic medical records software, touching over 10,000 health practices and 100,000+ clinicians throughout Canada and playing an important part in streamlining patient care.

Key Skills: EMR | Software Development | Java | Swing | Oracle | PostgreSQL | FHIR | HL7

CMA Holdings, Ottawa, ON **2006 – 2013**
Senior Java Developer - Electronic Medical Records (EMR)
Senior developer on the team that built the PS Suite EMR, billing, and scheduling platform that was later acquired by TELUS Health. Contributed to core clinical workflows, database architecture, feature development, customer and on-site support, ETL, and more. PS Suite quickly grew from a small family owned business to Canada's leading EMR software -- yielding to a number of innovative clinic management practices, and to TELUS' acquisition of the software suite.

Key Skills: EMR | Software Development | Java | Swing | Oracle | PostgreSQL | FHIR | HL7

CMA Holdings, Ottawa, ON
Senior Systems Analyst - MD Management Financial **1997 – 2006**
Senior developer and systems analyst across MD Financial's core platforms. Has built new financial planning and retirement tools from the ground up, developed a CRM system for advisor workflows, and maintained legacy brokerage systems. Designed data models supporting enterprise analytics and client portfolio management. These systems were an integral part of providing sound financial advice to MD Management's exclusive physician client suite -- with many of these systems still in place today.

Key Skills: .NET | Microsoft SQL Server | ETL | CRM | Financial Planning | Brokerage Systems

OTHER EXPERIENCE

EquiQuill Web Services, Gatineau, QC
Founder - Journaling for Mental Health (www.equiquill.com) **2023 –**
Founded and developed an AI-based visual journaling app designed to support emotional reflection and well-being; shipped to Google Play and Apple App Store. Since its inception in October 2023, and with little investment in a highly competitive space, EquiQuill has touched 400+ users.

Key Skills: Startup | Mobile | Privacy & Security | React | Node | GCP | Express | AI | LangGraph | Typescript

City of Ottawa, Ottawa ON
Spinning Instructor, Ottawa ON **2008 – 2013**

AWARDS & RECOGNITIONS

TELUS Leadership Values in Practice (VIP) Award — recognized for collaborative leadership and delivery focus (2020).
TELUS leadership executive MBA — elite program awarded to 20 of TELUS' top performers on a bi-yearly basis (2017).
TELUS Darren Entwistle Passion for Growth Award — recognized for continuous improvement and learning mindset (2016).