

JOEL DEFFOE

Full-Stack Developer | AI Integration | Workflow Automation Consultant

514-803-6173 | joeldeffoe@gmail.com | Montreal, QC (Remote Ready) | [LinkedIn](#) | [GitHub](#) | English & French

PROFESSIONAL SUMMARY

Results-driven Full-Stack Developer with 5+ years of experience building scalable web and software solutions for SMEs and enterprise clients. Proven track record delivering **25–35% performance gains** through system modernization and automation. Expert in .NET/C#, Python, React, and Vue.js with hands-on experience integrating AI workflows, 3D geospatial visualizations, and cloud-ready architectures. Bilingual (English/French) consultant currently pursuing a Professional Formation in AI at Concordia University.

TECHNICAL SKILLS

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| Languages: | C#, JavaScript, Python, Java, PHP, VB.NET |
| Frameworks: | .NET Core, ASP.NET MVC, React, Vue.js, Angular, jQuery |
| Web / API: | HTML5, CSS3, REST APIs, SOAP, Bootstrap, WordPress / WooCommerce |
| Databases: | SQL Server, MySQL — query optimization, schema design |
| AI / Automation: | AI workflow integration, process automation, data-driven systems |
| 3D / GIS: | CesiumJS, Google Maps API, .glb / .gltf / .dae conversion, Unity |
| DevOps / Tools: | GitHub, Bitbucket, Jira, Visual Studio, Android Studio, Linux |
| Other: | Technical SEO, Agile / Scrum, Technical Documentation, Bilingual (EN/FR) |

PROFESSIONAL EXPERIENCE

Full-Stack Developer | **Green Code Solutions** | Montreal, QC

Aug 2025 – Present

- Delivered end-to-end software solutions for SME clients in manufacturing, logistics, and automotive sectors, achieving consistent 25–35% operational efficiency improvements.
- Built AI-integrated automation workflows that eliminated manual data entry processes, saving clients an estimated 8–15 hours/week per deployment.
- Architected multi-user data platforms and customer-facing web apps with scalable cloud-ready backends (.NET Core, Python, React, Vue.js).
- Led requirements gathering, technical planning, development, and post-launch support across 5+ active client engagements simultaneously.
- Optimized backend services and SQL databases, improving query response times by up to 40% for data-heavy business applications.
- Mentored junior developers and enforced coding standards, cutting code review cycles by ~30%.
- Collaborated directly with non-technical stakeholders to translate business goals into clear technical roadmaps and delivery milestones.

C# .NET Developer | **Archidata** | Montreal, QC

Dec 2024 – Jul 2025

- Developed advanced 3D object conversion pipelines (.glb, .gltf, .dae) for a geospatial digital-twin platform, reducing processing time by ~35%.
- Integrated CesiumJS and Google Maps API to deliver interactive real-time geospatial data visualizations used by 10+ internal teams.
- Contributed to a proprietary hybrid framework (VB.NET, C#, Web APIs), improving API response stability and eliminating 3 critical communication bottlenecks.
- Provided cross-team technical expertise on 3D rendering and integration strategies, accelerating feature delivery by one sprint cycle.

Programmer Analyst | **Bell Media** | Montreal, QC

Mar 2021 – May 2023

- Collected and translated business requirements into scalable .NET Core / Vue.js internal systems serving 200+ daily users across multiple departments.
- Led application audits that identified and resolved critical data integrity and security compliance gaps, reducing incident reports by ~20%.
- Integrated Vue.js / Vuetify front-ends with .NET Core back-ends, cutting page load times by 30% on key internal dashboards.
- Delivered user training and documentation that reduced support ticket volume by approximately 15% post-launch.

Junior Developer (C# / Python) | Edward-IA | Shawinigan, QC

Sep 2019 – Jan 2021

- Built and maintained internal productivity tools using Python, C#, JavaScript, and MySQL, improving cross-system interoperability for 3 client environments.
- Managed full test-debug-deploy cycles, ensuring on-time delivery of functional software releases with <2% post-release bug rate.

Web Agency Specialist | Chronogolf | Montreal, QC

May 2019 – Aug 2019

- Created and customized 10+ WordPress / Unbounce landing pages; applied SEO best practices that improved organic ranking for 4 client domains within 60 days.

Additional Experience

Junior C# Developer — Profile Credit (2018–2019) | Web Developer & IT Support — Infinite Tech Solution (2018) | Webmaster — LeaveltToAimee.com (2018–2020)

EDUCATION & CERTIFICATIONS

Bachelor of Software Engineering (In Progress)

Concordia University, Montreal, QC

Professional Formation in Artificial Intelligence

2025 — Concordia University, Montreal, QC

A.E.C. — Internet Programming & Development

John Abbott College, Montreal, QC

KEY PROJECTS

Challenger Network (Mobile App, In Progress)

Social gamification platform built in Godot 4.3 (C#) that transforms daily life into RPG-style quests with 3D avatars, guest mode, and multi-platform social features.

EcoPropre360 — Client Web Project

Full web presence build for a Quebec cleaning service: mobile-optimized, SEO-tuned, and CMS-managed. Delivered within a 3-week timeline.

Digital Twin 3D Platform — Archidata

Geospatial property management platform with CesiumJS and TresJS 3D visualization, reducing 3D asset pipeline processing time by ~35%.