

Peter Merritt

Senior Web & Database Application Developer

Phone: 613-608-1154 | Email: peter@HowSoonIsNow.ca | Security Clearance: Secret

<https://www.HowSoonIsNow.ca>

PROFESSIONAL SUMMARY

Senior Application Developer and Data Professional with 25+ years of experience designing database-driven business solutions, developing complex SQL queries, analyzing data, and delivering reporting solutions that support business decision-making. Currently expanding expertise in Microsoft Power BI, data visualization, dashboard development, and business intelligence analytics.

Highly skilled in ColdFusion, Python, Django, SQL, Oracle, and full-stack web development across large, complex departments. Experienced throughout the full software development lifecycle, including requirements analysis, data modeling, architecture design, coding, accessibility compliance, troubleshooting, and long-term system sustainment. Adept at delivering bilingual, WCAG-compliant, CLF-aligned applications and leading modernization, migration, and cloud transition efforts. Recognized for technical depth, strong communication, and the ability to work independently or within collaborative, multi-disciplinary teams.

Often returning to the same department for multiple contract placements reflects the strong professional relationships I've built and the consistent value I've been able to provide. It demonstrates my familiarity with the team's processes, confidence in my reliability, and the department's trust in my ability to contribute effectively. I'm proud to be invited back and to continue supporting the team with the same level of commitment and quality.

TECHNICAL SKILLS

Languages & Frameworks: ColdFusion, Python, Django, HTML/XHTML, CSS, Bootstrap, Ajax, JavaScript, SQL, PL/SQL, XML, Fuse-Box, React, UI/UX, SEO, Cybersecurity

Databases: Oracle, MS SQL Server, PostgreSQL, MySQL, Sybase, MS Access

Tools & Platforms: VS Code, Eclipse, Sublime Text, Git/Azure DevOps, SVN, VSS, TOAD, SQL*Plus, Windows, UNIX, Linux, Microsoft Power BI

PROFESSIONAL EXPERIENCE

Environment Canada (ECCC)

Senior Web Application Developer / Programmer Analyst (August 2022 – January 2026)
Ottawa, Ontario Canada

At ECCC, I led development and enhancement of several enterprise-scale ColdFusion 2023 applications built with FuseBox 5.5. My work involved modernizing legacy systems, providing data analysis, implementing WCAG 2.0 A/AA accessibility improvements, and supporting bilingual content through XML-based repositories. I managed extensive SQL development on MS SQL Server 2019, including stored procedures, functions, and complex analytical queries, and contributed to requirements gathering, analysis data model planning and documentation. Developed database-driven business applications and created SQL-based data extracts, reports, and analytical queries to support operational decision making. Analyzed complex data sets, validated data quality, and resolved reporting and data integrity issues. I also played a key role in troubleshooting, system testing, and migrating applications from on-premise servers to cloud environments.

Natural Resources Canada (NRCan)

Programmer Analyst / Web Application Developer (September 2017 – July 2022)
Ottawa, Ontario Canada

At NRCan, I maintained and enhanced a suite of departmental applications built on ColdFusion 10–2016 with Oracle 16 and MS SQL Server and Oracle. My work supported critical systems, including national platforms for the management and licensing of explosives and firearms, as well as a public-facing website that tracked and reported daily fuel prices across Canada. I ensured full adherence to CLF and WCAG 2.0 standards, performed extensive debugging and feature development, optimized application performance, and managed database updates and migrations across multiple environments. Collaborated with stakeholders to gather reporting requirements and translate business needs into data-driven solutions. These contributions helped modernize workflows, improve regulatory oversight, and enhance access to timely, reliable information for both internal and public stakeholders.

Agriculture and Agri-Food Canada (AAFC)

Programmer Analyst / Web Application Developer (June 2014 – August 2017)

Ottawa, Ontario Canada

Across numerous AAFC projects—including AIMIS, MUPPS, ACAAF, FFN, PSRMP, and CFBAS—I supported application modernization, bilingual feature development, and system enhancement. I designed and developed ColdFusion applications integrated with Oracle 10g/11g databases and helped enforce CLF-1, CLF-2, and WCAG 2.0 standards. Analyzed complex data sets, validated data quality, and resolved reporting and data integrity issues. My contributions included designing data models, building PL/SQL conversion scripts, preparing data migration utilities, and developing modules integrating with Secure Channel, ESAS, and epass.

Natural Resources Canada (NRCan)

Programmer Analyst / Web Application Developer (July 2012 – May 2014)

Ottawa, Ontario Canada

At NRCan, I maintained and enhanced a suite of departmental applications built on ColdFusion 10–2016 with Oracle 16 and MS SQL Server. My work supported critical systems, including national platforms for the management and licensing of explosives and firearms, as well as a public-facing website that tracked and reported daily fuel prices across Canada. I ensured full adherence to CLF and WCAG 2.0 standards, performed extensive debugging and feature development, optimized application performance, and managed database updates across multiple environments. These contributions helped modernize workflows, improve regulatory oversight, and enhance access to timely, reliable information for both internal and public stakeholders.

Agriculture and Agri-Food Canada (AAFC)

Programmer Analyst / Web Application Developer (December 2010 – June 2012)

Ottawa, Ontario Canada

Across numerous AAFC projects—including AIMIS, MUPPS, ACAAF, FFN, PSRMP, and CFBAS—I supported application modernization, bilingual feature development, and system enhancement. I designed and developed ColdFusion applications integrated with Oracle 10g/11g databases and helped enforce CLF-1, CLF-2, and WCAG 2.0 standards. My contributions included designing data models, building PL/SQL conversion scripts, preparing data migration utilities, and developing modules integrating with Secure Channel, ESAS, and epass.

Public Works and Government Services Canada (PWGSC)

Programmer Analyst / Web Application Developer (July 2009 – December 2010)
Gatineau, Quebec Canada

I contributed to significant enhancements of the SELECT bilingual web application, a key platform supporting national procurement programs. My work involved developing new ColdFusion components to extend core functionality, implementing CLF-2 accessibility and usability requirements, and updating the underlying FuseBox architecture to improve maintainability and performance. These improvements helped streamline procurement workflows, support compliance across federal departments, and ensure a consistent, reliable user experience for stakeholders nationwide.

Agriculture and Agri-Food Canada (AAFC)

Programmer Analyst / Web Application Developer (January 2006 – July 2009)
Ottawa, Ontario Canada

Across numerous AAFC projects—including AIMIS, MUPPS, ACAAF, FFN, PSRMP, and CFBAS—I supported application modernization, bilingual feature development, and system enhancement. I designed and developed ColdFusion applications integrated with Oracle 10g/11g databases and helped enforce CLF-1, CLF-2, and WCAG 2.0 standards. My contributions included designing data models, building PL/SQL conversion scripts, preparing data migration utilities, and developing modules integrating with Secure Channel, ESAS, and epass.

ILS Canada

Web/Database Developer (Jun 2005 – Dec 2005)
Ottawa, Ontario Canada

I built bilingual management tools for Nissan Canada dealerships, developing both front-end and back-end components to support their operational workflows. This included designing responsive web interfaces, implementing database structures to store and process dealership and financial data, and integrating automated data feeds for real-time insights. I also created PDF and HTML-based reporting features, ensuring accurate, accessible, and efficient delivery of key performance metrics across the network.

Department of Education, Government of New Brunswick

Programmer Analyst / Web Developer / DBA (2000 – 2005)

Fredericton, New Brunswick Canada

I developed ColdFusion and PHP bilingual web applications and designed Oracle databases to support education-sector e-learning programs at the provincial, national as well as international levels (World Bank). I assisted in the creation of an online learning object repository (TeleCampus) integrating XML and strict metadata standards.

CERTIFICATIONS

- Oracle Certified Professional – Internet Applications Developer
- Oracle Certified Professional – Application Developer

EDUCATION

Bachelor of Arts, Psychology (1995)

University of New Brunswick – Saint John, NB