Peter Bernier, Senior Software Engineer

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PROFESSIONAL SUMMARY

As a senior software engineer and team lead with more than twenty years of professional experience developing business applications, my background includes producing positive and repeatable results for startups, small businesses and government organizations. My employers have described me as a key technical resource who shows initiative, delivers results and leads by example.

- Serverless / Cloud-Native Development on Azure
- .NET / C# / Blazor / GraphQL / gRPC / React
- Azure Services - Storage / SQL Server / Messaging
- Microservices / Docker / AI Services

DEVELOPMENT EXPERIENCE

Senior Cloud Developer (Lumeto, Toronto ON (Remote))   **October 2021 to Present**
- Responsible for ongoing timely development of Lumeto's VR-enabled learning platform (Back-end services)
- Configuration and support of multiple production-ready cloud-native services
- Code reviews, stakeholder discussions/decision-making, prototyping and design, interviews/recruiting/onboarding

Key Technologies: .NET, C#, gRPC, GraphQL, Entity Framework, Azure AD/B2C, Microservices, Azure SQL Server, Next.js

Technical Lead (promoted from Senior Software Engineer)   **March 2017 to September 2021**
(Cogniva Information Solutions, Gatineau QC (Remote))
- As a technical lead, oversaw development and enhancement of an application from an initial prototype into a production-ready solution for use with Microsoft 365
- Software development tasks on an enterprise-grade distributed software product

Key Technologies: .Net Core, .Net Framework, C#, React, Azure Active Directory, Microsoft Graph, Microsoft SQL Server

Software Developer (Systems Analyst) (Canada Post Corporation, Ottawa ON)   **December 2006 to January 2017**
- Designed, implemented and delivered multiple machine dashboard systems that were regularly (8+ years) updated based on user feedback and further systems integration requirements
- Software development/maintenance tasks on a mission-critical data management system
- Worked with numerous internal and external project stakeholders to design and deliver plant automation systems
- As part of a 3-person 24x7 support team, monitored and maintained critical software systems (servers, data flows)
- Implemented and delivered a very successful pilot dashboard project whose scope was doubled to meet peak season needs based on extremely positive user feedback (and demand) from plant-floor users and supervisors
- Put in place modern change management and knowledge sharing solutions which were then spread to other teams
- Participated in management activities (interviews, hiring, and training for contractors/employees)

Key Technologies: .Net Framework, C#, ASP.Net, Microsoft SQL Server, Stored Procedures, NUnit, Selenium

Software Developer (Tamarindo Systems Inc., Ottawa ON)   **June 2006 to October 2006**
Software Engineer (Provance Technologies Inc., Gatineau QC)   **April 2004 to June 2006**
- Software development tasks on an enterprise-grade distributed web application (C#, ASP.Net, MSSQL, Oracle)

Co-op Work Terms and Independent Contracts   **May 2001 to March 2004**

EDUCATION / CERTIFICATIONS

B.A.Sc, Software Engineering (Co-operative Education Program), University of Ottawa (2003)
Microsoft Certified : Azure Developer Associate (2023)

TECHNICAL SKILLS

Software Development: C#, ASP.Net (Web APIs, Blazor), SQL, Azure (many), Docker, Kubernetes, Terraform
Other: Git, Microsoft Visual Studio, Powershell, Azure Dev Ops, Scrum/Kanban

This is an abridged résumé. Complete details of my professional and technical experience can be found at peterbernier.com.