

Michael Zuskin

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Certified and Award Winning Senior PowerBuilder Developer

23 years of PowerBuilder experience
in telecom, commercial and insurance domains, private and government sectors

- Publications in PBDJ (PowerBuilder Developers Journal).
- Solutions to address PB limitations and enhance code quality: github.com/Ursego/PowerBuilder.
- The DataWindow Spy utility, popular among PB developers worldwide: github.com/Ursego/DWSpy.

SUMMARY:

- Proficiency in transforming business requirements and technical design documentation into finished functioning software - from conceptual data modeling and database design to sophisticated business logic layer and complex, multi-screen interactive GUI, and production systems enhancement.
- Analytical and problem-solving skills with demonstrated ability to resolve business challenges.
- Deep knowledge of object-oriented concepts and their practical applications.
- Passion to write clean, self-documenting code that conforms to the highest standards for building components easy to enhance and troubleshoot: github.com/Ursego/ElegantProgrammingClub.
- Maintaining multiple code versions, controlling source code and CI/CD pipelines using GitHub.
- *Significant productivity gains by offloading tasks to AI, freeing up time for higher-impact work.*

EMPLOYMENT HISTORY:

Software Developer: Sep 2025 – now A freelance project

- Conceptualized, designed, developing, and thoroughly testing a mobile application helping patients organize daily routines while following intermittent fasting protocols.
- Source code: <https://github.com/Ursego/AndroidKotlinProject>.
- Enriched the Android framework and Kotlin language by creating generic enhancements that encapsulate common boilerplate code, enabling developers to focus on business logic rather than technical details, and produce more concise, self-documenting code.
- All reusable functionality is publicly available: <https://github.com/Ursego/AndroidKotlin>.
- **Kotlin, Android Studio (IntelliJ IDEA), SQLite.**

Senior Software Developer: Jun 2023 – Mar 2025 Tyler Technologies (tylertech.com) – Dayton, OH (remotely)

- Developed and maintained the mission critical Web application for Real Estate Appraisal and Property Tax Billing & Collection used by NYC and other local governments to tax >21M properties annually.
- Supported uninterrupted tax collection operations generating billions in annual revenue, preventing potential loss and maintaining compliance with municipal financial requirements.
- Created and customized complex financial batch jobs and reports.
- Proposed and implemented a GitHub tool to automate deployment via CI/CD pipelines, improving software delivery efficiency when backporting to multiple releases (github.com/Ursego/JiGit). The tool has facilitated and accelerated the efforts of 50+ developers working in busy Agile environment.
- **Angular, TypeScript, RxJS, NgRx, HTML/CSS, JavaScript, .NET, C#, Restful APIs, Web Services, WCF, Oracle PL/SQL, Oracle Reports, Visual Studio, Cursor IDE, Docker.**

Senior Software Developer: Jan 2018 – Jun 2023
Echelon Insurance (echeloninsurance.ca) from CAA Club Group (caa.ca) – Mississauga, ON

- Contributed to maintenance and enhancement of the Standard Auto app (used by brokers and underwriters), and the Rating app (used by actuaries).
- Implemented sophisticated eligibility rules considering the characteristics of vehicles and clients.
- Coded complex financial calculations based on business rules & rating factors.
- Proposed and implemented the Premium Calculation Log tool to trace and show the rating factors making up the amount. That significantly facilitated testing and reduced troubleshooting time.
- Designed and developed an ETL application which extracts data from the database tables, transforms it into the Zoho CRM schema and loads it to Web through Zoho CRM API.
- **PowerBuilder, Sybase ASE Transact-SQL (T-SQL).**

Senior Software Developer: Oct 2010 – Jan 2018
Rogers Communications (rogers.com) – Brampton, ON

- Created new modules and customized/enhanced existing components of a huge Order Entry and Call Centre application supporting customers of the leading Canadian communication provider.
- As the sole developer, I built an application for project budgeting and team management within the Rogers IT Department. For this, I crafted a framework (extending PFC) that significantly streamlined development. New per-entity classes derived from base classes, necessitating only minor adjustments since the ancestor's generic functionality typically sufficed, relying on DB table names and adherence to naming convention (e.g., d_<entity>, w_<entity>) for the CRUD functionality.
- Conducted team code reviews, providing suggestions for coding style improvements, maintainability, and performance optimizations.
- **PowerBuilder, PFC, Oracle PL/SQL.**

Software Developer: Oct 2006 – Sep 2010
Agriculture Financial Services Corporation (afsc.ca) - Lacombe, AB

- Added new parts and changed existing functionality in the client-server application used to provide insurance, loans and government subsidy to agriculture businesses of the province of Alberta.
- **PowerBuilder, PFC, Oracle PL/SQL, Crystal Report.**

Software Developer: Oct 2005 – Oct 2006
Manitoba Public Insurance (mpi.mb.ca) – Winnipeg, MB

- Designed and implemented enhancements of a system used to manage driver license issuance and vehicle registration and insurance in the Province of Manitoba.
- Proposed and performed code refactoring within the reporting engine, eliminating code duplication to accelerate the development and enhancement of reports.
- **PowerBuilder, .Net, VisualBasic.NET, Restful APIs, Sybase ASE Transact-SQL (T-SQL).**

Software Developer: Feb 2000 – Jun 2005
Motorola, Inc (motorola.com/il.jsp) - Tel-Aviv, Israel

- Worked on ETL and Data Warehouse application of one of largest cellular communication companies and converted legacy client-server application to web.
- **PowerBuilder, Oracle PL/SQL, MS SQL Server T-SQL.**

PUBLICATIONS:

- "Power Building with Exceptions" - PowerBuilder Developers Journal, January 2012
- "The Art of Naming" - PowerBuilder Developers Journal, March 2012
- "Code Writing Style" - PowerBuilder Developers Journal, April 2012
- "Managing Functions" - PowerBuilder Developers Journal, May 2012

CERTIFICATION:

- PowerBuilder: tinyurl.com/MichaelZuskinPBCert.
- C#: tinyurl.com/MichaelZuskinCSharpCert.
- Oracle PL/SQL: tinyurl.com/MichaelZuskinPLSQLCert.
- Java: tinyurl.com/MichaelZuskinJavaCert.

EDUCATION:

- 2019: Advanced Java Programming course – Seneca College, Toronto (<https://bit.ly/2XOAUHf>).
- 2001: Software Engineer – The College of Management, Israel (<https://english.colman.ac.il>).
- 1998: Database Programming course (SQL, Oracle, PowerBuilder) – Le Bone College, Israel.

FROM ANNUAL PERFORMANCE REVIEWS BY THE DEPARTMENT MANAGERS:

Ivee Medrano, Sr Manager, Solutions and Design at Rogers Communications:

"Michael was converted as a full-time employee early in 2011 and a well deserving conversion. He has excellent technical and analytical skills and is an asset to the team. He is a dedicated and committed individual. He was involved in many CSM [Customer Service Management] complex projects and worked closely with CSM Technical Lead to provide solutions to needed requirements. He played a key role as a developer, participating in solution stage discussions with Technical Leads, providing required feedback for use cases flow scenarios. He completed Detailed Design documentation with great quality and efficiency. Michael successfully completed coding and testing of all tasks and projects assigned and delivered to QA on time with no significant rework ever required. He was able to work with minimal assistance from his team lead. All defects assigned to him were resolved quickly and effectively in collaboration with QA team. All work orders and service calls were closed on time, all deadlines were met. When asked to help production support to provide root cause analysis he completed accurately and in a timely fashion. Michael is also very proactive in looking for new and more efficient processes. As an example, he utilizes methods of defensive programming to enable early finding of problems and to prevent hidden bugs."

Steve Coleman, Vice President Information Technology at Echelon Insurance:

"Michael is a seasoned developer with very strong technical skills. Works well with the immediate development team as well as other areas within the IT department. Problem solving is a key component in delivering GIS [General Insurance System] solutions. It is also very challenging. However, he consistently gathers the information needed to formulate solutions through effective problem solving. Methodically manages tasks and timelines effectively. Works collaboratively with the BA's, QA's, Infrastructure and Management staff to achieve assigned goals. Michael is constantly looking for and evaluating methods to increase proficiency. He has offered many suggestions and shared them with the team. Communicates effectively with the group to ensure that everyone is at the same level of understanding. Due to the volume of work for a small team, Michael is often required to work independently and does so on a regular basis. Michael is also able to work cooperatively with others as the need arises to address any issues requiring a team effort. Documenting the GIS Rating process and sharing with other developers would be good example of taking on additional responsibilities. Unless challenges arise outside of Michael's control, he is always meeting assigned deadlines."



Being innovative

April 28, 2021

Really good initiative!

I would like to highlight a good point of initiative. It is sometimes difficult for the IT team to solve certain requests made by the business. On our end, we make requests but we don't really know what can be done, how it could be done, and what really can't be done. Michael recently solved a request with a suggestion that perfectly met the need for the feature. Taking the time to listen to my need allowed him to come up with a great solution. Thank you Michael for your work on the non-standard flag, I am sure that the Quebec UW will appreciate the new programming.

Applause Award