

# Yevgen Korshykov

## Front-end and Full-stack Developer

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Summary	20+ years of software engineering and development: web-based systems, e-commerce solutions, client/server applications, communications, engineering and computational linguistics.
Key Skills	<ul style="list-style-type: none"><li>▪ Thorough knowledge of web technologies, including HTML/CSS, XML/XSLT/XPath, JavaScript.</li><li>▪ Extensive server-side programming (PHP, NodeJS).</li><li>▪ Long-time experience in object oriented development.</li><li>▪ UI/UX development for applications and web-based systems, use case modeling.</li><li>▪ Experience in product translation and localization.</li><li>▪ Desktop applications development and support (C++, Delphi).</li><li>▪ Database programming and administration (MySQL).</li><li>▪ Project management, version control and issue tracking systems (Git, Mantis).</li><li>▪ Experience in writing of technical documentation for developers and end users.</li></ul>
Languages	English, French.
Education 1991 – 1996	M. Sc. Computer Science Kharkov Technical University of Radio Electronics Kharkov, Ukraine.
Experience 2020 – 2023	<b>Front-end Developer</b> Michael Polyakin Studio, Spain. Design and development of visualizing helpers for web tools of logistic companies (HTML, CSS2/3, JavaScript with JQuery, Vue.js and other libraries).
2014 – 2020	<b>Software Engineer</b> Logix ITS Inc., Montreal, QC ( <a href="http://logixits.com">http://logixits.com</a> ): one of the leading companies in innovative traffic safety, speed enforcement and parking lot solutions.  Full-stack development of web-based solutions in road traffic safety, monitoring and data analysis: <ul style="list-style-type: none"><li>▪ Design and development of web frontend: effective, cross browser, secure solution for remote traffic monitoring and visualizing the data (HTML, CSS2/3, JavaScript with JQuery and other libraries).</li><li>▪ Server-side development of multi-tier, heavy-duty traffic collection system (PHP, Node, MySQL).</li><li>▪ Development of data structure, protocols and middle-tier layers between monitoring services and data presentation (PHP, AWS);</li><li>▪ Integration with embedded devices firmware.</li><li>▪ Creation of custom multi-language localization library for web projects.</li><li>▪ Development of client-side applications and tools.</li><li>▪ Maintaining and support of large distributed databases.</li><li>▪ Writing of technical documentation.</li></ul>

2005 – 2014

**Software Engineer**

Alternatives Technology Pharma Inc., Montreal, QC: industry leading supplier of monitoring solutions for pharmaceutical companies.

Key role in development of principal company's projects:

- Design and development of web-based front-end for remote environmental monitoring, configuration and control (PHP, JavaScript with DHTML/AJAX technologies, Macromedia Flash MX for user interface).
- Development of data structure, protocols and middle-tier layers between monitoring applications and data presentation (PHP).
- Maintaining data integrity and system robustness, by development of automatic backup and alarm tools.

2002 – 2005

**Software Developer**

GoNet Media Inc., Montreal, QC

- Design and development of data transmission, alarm and security system for agriculture and beekeeping needs (PHP, Borland Delphi).
- Design and development of system and database structure, protocols and interfaces.

2001 – 2002

**Programmer-Analyst**

Clock Media Inc., Montreal, QC (<http://clockmedia.com>)

Development and implementation of:

- Advertising and payment processing systems.
- Databases and interactive reports with web-based interface (PHP, Borland Delphi, Borland C++ Builder).

1998 – 2001

**Programmer-Analyst**

Lingvistica '98 Inc., Montreal, QC (<http://ling98.com>)

- Computational linguistics applications for European and Oriental languages (Delphi, C++ Builder)
- Databases of various kinds, including web-based databases and dictionaries (Delphi, Perl)
- Corporative website design and support (on UNIX and Windows platforms), using HTML authoring tools, DHTML/JavaScript, PHP.