
Victor Zamouline-Prescott

Senior Software Engineer – System Architect - Team Lead – IT Project Manager

Born : 1973
Nationality : French
Residence : Paris (France)
Single, no children
Relocation possible

Postal address :
Victor Zamouline-Prescott
45 rue de Clery
75002 Paris France

Phone : (+33)-6.07.48.20.57
Email :
contact@vicprescott.com

Specialized in the Perl language, global software design, distributed architectures, object-oriented programming, UNIX, DBMS, HTTP servers, bulk data processing techniques, pattern match, workflow optimization and automation, interfacing languages and technologies.

Solid background in full IT Project Management and Team Leading. Multiple complex software architectures fully designed and implemented in teamwork.

Perfectly trilingual English / French / Russian. Fluent in Portuguese. Proficiency in linguistics, writing and training.



Languages, tools and protocols

Languages	Perl, XML (specialities), PHP, Java, JavaScript, C/C++, Bash, HTML, ActionScript	Operation systems	UNIX / Linux (speciality), MS Windows, Apple OS
HTTP servers	Apache (speciality)	DBMS	MySQL, PostgreSQL (specialities), Oracle
Protocols	HTTP, SOAP (specialities)		

Specialities

Perl Language	Advanced proficiency in the Perl language and the Apache / Mod_Perl environment. About 13 years of software development experience using Perl. Participation in several Perl-dedicated conferences in the U.S. with the presence of the authors of the language. Excellent knowledge of object-oriented programming, including other languages (Java, C++).
UNIX, Apache, HTTP various DBMS	Numerous Web-based projects directed or developed using Apache on UNIX and various DBMS (MySQL, PostgreSQL, Oracle...). Solid understanding of the internals of Apache, UNIX and DBMS's, their configuration and optimization. Advanced command of other Web-related languages (PHP, Java, JavaScript, ActionScript).
Global software architecture design	Global software architecture design for advanced complexity projects. Separation of codebases into distinct API layers. Organization and supervision of teamwork. Development of data administration systems, user interfaces and navigation models, monitoring tools and performance and stability control under UNIX.
Optimization of data administration workflows	Analysis of customer objectives, calculation of the cost of data administration, identification of possible inefficiencies. Development of alternative administration workflow models, including optimized and automated components.
Multimedia and linguistic data processing	Advanced techniques of automated bulk multimedia data processing, such as import and normalization, syntactic and semantic analysis, natural linguistic data, duplicates control, automated processing of graphic files as well as video and audio data.
Documentation, training	Production of technical specifications and product documentation. Several years of experience as a trainer or coach for final users, software developer or technical personnel.

Training

1997-1998	Mathematics and Computer Science (PhD) Artificial Intelligence and Pattern Match	Université Paris VI (Pierre et Marie Curie)
1996-1997	Artificial Intellect (Master) Linguistics, Structuralism, Formalism and Grammars	Université Paris IV (La Sorbonne)

Professional history

2008-2010 Brussels	Borderlinx http://www.borderlinx.com A business aiming at revolutionizing international online purchases by providing virtual U.S addresses and package solutions for tax and duties payment.	IT Project Manager / Team Lead / System architect Full responsibility for re-designing the company's complete software architecture, training and supervising the IT development team, establishing a new development workflow and release management procedure, interfacing with partners and financial gateways, etc.
2007-2008 London, Paris	Yahoo http://www.yahoo.com Worldwide Internet media giant. Europe Sports Team, International Search Engine Team, various cross-team projects.	Senior software engineer / System architect Design and implementation of the publication system's core API intended to control the data flow across the components of the chain, interfacing data input and local storage engines with the user-oriented layers and partner hubs.
2005-2007 Paris	T-Online / Club Internet France's major ISP previously owned by Deutsche Telecom, purchased by Tiscali in 2007, then by SFR in 2009.	Senior software engineer / System architect Full responsibility for designing a system for automatic analysis of a telephone line's technical eligibility for the Company's commercial offers. Over 100,000 telephone lines per day queried and analyzed.
2005 Brussels	Jazz In Belgium http://www.jazzinbelgium.com/ Belgium's official non-profit association charged with promotion of jazz music in Belgium.	Software developer / System architect Complete design and development of the Association's website architecture, including a complex administration system requiring a lot of optimization and automation to fit the Association's limited human resources.
2004-2005 Paris	Paris Conventions Bureau http://www.parisinfo.com/ France's official business charged with increasing tourism rate in Paris.	Software developer Numerous IT services and solutions provided during the migration of the Company's software foundations to a new platform.
1999-2004 Paris	Jazz Valley Interactive http://www.jazzvalley.com A startup project aiming at improving the jazz music industry by automating the processing of the information between the media and the maintenance of the logistic chains.	Founder / C.E.O. / C.T.O. Founder of the project since 1997. Author of the heterogenous data processing technologies, allowing database maintenance at a lower cost. Author of the multilingual content management technology. Total technical and partial executive control.
1997-1999 Paris	Terra Proxyma / Green Informatique Business specialized in dynamic websites development and professional training.	Software developer / Trainer Production of training programs on advanced Internet technologies (Java, Perl, OOP, HTTP, RMI). Training sessions provided at Peugeot, Philips, Alcatel, Hewlett Packard, Bosch Telecom, The Ministry of Defense of France, etc.

IT projects developed or directed

Stock control systems Borderlinx (2008-2010), Other customers	Several complete logistic control systems developed, including stock management, multi-type and multi-weight products, stock alerts, orders management, customer service tools, shipment methods, multi-currency issues, shipper specificities, etc.
Payment gateways Borderlinx (2008-2010), Other customers	Secure payment interfaces provided for multiple projects, including instant payment, credit card payment over the phone, monthly installments, etc. Multiple customized solutions designed with heavy security issues and full PCI compliancy.
Memberships management systems Borderlinx (2008-2010), Other customers	Several complete subscription management systems developed, including various membership programs, online payment, automatic re-billing systems, expirations management, refused or expired credit cards management, special tools and interfaces for the Customer Service, etc.
Automatic duties and tax calculation system Borderlinx (2008-2010)	A system for automatic calculation of a shipment's duties and taxes, given multiple criteria such as its weight, volumetric weight, origin and destination, category of product, and each country's own specifics and exemptions.
Global data publication control system Yahoo (2007-2008)	A global data publication workflow control system, including subtemplates versioning control, global data integrity, monitoring and logging of publication process, release management, grouping publication subprojects, revert mechanisms, etc.
Web search engine Yahoo (2007-2008)	Re-design of a number of substantial parts of Yahoo's giant search engine, including multiple issues related to data indexing, categorization, storage optimization, external interfacing, monitoring, statistics, etc.
Technical eligibility analysis system T-Online (2005-2007)	A complete solution developed for a major French ISP, performing instant analysis of the technical characteristics of existing telephone installations. Solutions provided to improve compatibility, performance, security, monitoring, reporting, logging.
Data administration systems Various customers	Various data administration systems designed and developed, including special features such as multi-user access, group-based role definitions, advanced security measures, search options, integrated duplicates control, workflow optimization.
Multilingual solutions Various customers	Complete solutions developed for complex multilingual management in editorial projects, including data storage methods, template syntaxes, parsers and content generators, data integrity control.
Editorial content management systems Various customers	Several projects completed aiming at managing bulk or complex editorial content (news, articles, archives...), including multiple nuances of data organization, administration, import, formatting, normalizing, internal linking, cross-referencing, etc.
Profiling and directories Various customers	Multiple projects integrating management of profiles or directories, including derived features (classification of profiles by complex criteria, bulk mailing campaigns, subscriptions and unsubscriptions, success rates analysis...)
Multimedia content processing systems Various customers	Various applications including multimedia content processing (sound, graphics, video), including automated features (video format conversions, image cropping or resizing, instant production of audio extracts, storage optimisation, etc.)
Product catalogs management systems Various customers	Product catalogs and stock management systems (administration systems, automatic generation of presentable formats, fusion of multiple source catalogs, duplicates control, pricecodes, etc.)
Radio content management system TSF 89.9 (Paris, 2003)	Application developed to present the content of the radio in real time on the Web (including the real-time program grid, automatic generation of sound extracts, matching with external catalogs, CD scans management and automation, etc.)
Parsers and pattern match tools Various customers	Parsers and pattern match tools developed integrating automated typing assistance in order to ensure permanent control of data validity and coherence. Several solutions designed for automatic conversion between languages (Perl, XML, PHP)
Shopping carts Various customers	Shopping carts integrated into multiple merchant websites, including advanced navigation methods, price calculation, multiple delivery methods, complex shipping cost calculation, secure payment, customer service, etc.