

CURRICULUM VITAE

1. **Family name:** Alexiev
2. **First names:** Vladimir
3. **Date of birth:** 30 April 1968
4. **Passport holder:** Bulgarian, Canadian
5. **Education:**

Institution [Date from - Date to]	Degree(s) or Diploma(s) obtained:
IBM Corporation, 7/2007	IBM Lotus Forms Certified Application Developer
Project Management Institute, 8/2003	Project Management Professional certification
Algonquin College, Ottawa, Ontario, 1-4/2003	Project Risk and Quality Management diploma
University of Alberta, Edmonton, 9/92-11/99	PhD in Computer Science
Technical University of Sofia, Bulgaria, 9/86-6/91	MS in Computer Science

6. **Language skills:** Indicate competence on a scale of 1 to 5 (1=excellent; 5 =basic)

Language	Reading	Speaking	Writing	How
Bulgarian	1	1	1	Mother tongue
English	1	1	1	Worked 12y in Canada
Russian	1	1	1	Studied 1-7 th grade in Russian language school

7. **Membership of professional bodies:**

- Project Management Professional; Project Management Institute
- Bulgarian Quality Assurance Association
- EU IST FP project evaluator

8. **Other Skills**

- **Semantic Web:** Ontology engineering, OWL2, RDF, RDFS, mapping and ETL
- **Architecture:** Service Oriented Architecture, Enterprise Architecture, Archimate, Zachman Framework
- **Business Process Modeling,** BPMS (Websphere Process Server, jBPM, evaluated Intalio), BPMN, BPEL
- **Requirements:** business analysis, modeling, OO analysis (UML, Rational Rose, Software Architect), specification, use cases, requirements management (RequisitePro, DOORS), requirements-based project and test planning
- **Project management:** 12 years hands-on experience, largest project managed was 380 person/months, Project Management Body of Knowledge (PMBOK), PMP certification, using Projectvisiion, expert in Microsoft Project including Server/automation/integration, Function Points analysis, COCOMO, Delphi estimation
- **Software process:** full Software Development Life Cycle (SDLC), Software Engineering Body of Knowledge (SWEBOK), Capability Maturity Model (CMM), management of process application and improvement, configuration management, release planning, source control with (VSS, CVS, SVN, ClearCase), Rational Unified Process (RUP), Rational Rose Enterprise Suite, Extreme Programming (XP)
- **Quality assurance:** ISO9001:2000 company certification, bugtracking tools (Bugzilla, Jira, etc), evaluate automated test tools (Rational Visual Test, Web Analysis Stress Tool, WebLoad, Pure Coverage), test-driven development, FIT framework
- **Platforms:** Windows 2003, Linux, Unix, AIX, DEC VAX, ICL DRX-20.
- **Frameworks:** .NET, EJB, COM/COM+, MTS, MFC, OWL.
- **Web Technologies:** Microsoft: IIS, ASP, MDAC (OLEDB, ADO), Index Server, .NET. Java: J2EE, Blue-prints, servlets, JSP, JDBC, EJB. XML: XML, XSLT, XSL-FO (DocBook to PDF), XML Schema. Web Services: SOAP, UDDI, WSDL, WSFL, WSCI, Web application security methods
- **Languages:** Proficient with Java, Perl, VBScript, JavaScript, Lisp. Experience with C#, Prolog, C++, Actor, Python, Smalltalk.
- **Data and databases:** Proficient with data analysis, modeling, schema development; Oracle RDBMS, PL/SQL, Microsoft SQL Server, TSQL, Informix IDS, Computer Associates Erwin, Oracle Designer 2000. Strong experience with data conversion, migration, ETL. Object/relational/XML mapping with Hibernate, JIBX, Dozer, generation.
- **Security:** Role-Based Access Control models, CAS server

9. **Present position:** PM & BA

10. **Years within the firm:** 18

11. **Key qualifications:**

- MS and PhD degree in Computer Science, Project Management Professional certification, 20 years experience in IT;
- Semantic Web, OWL2, RDF, semantic technology applications
- Tender document drafting, ICT program/project evaluation, project budget/duration estimation, EU PRAG rules, PMBOK and TEMPO methodologies
- Enterprise Architecture, design of complex IT solutions, CASE tools, BPM/BPMS/BPMN/BPEL
- Data: analysis, modelling, design, conversion, migration; object-oriented analysis, UML (use case diagrams and use case realisations), RUP
- Practical experience in design, cost estimation, development, implementation and maintenance of large and complex IT systems in the public and private sector. Project management; business analysis and requirements specifications

12. **Specific experience in the region**

Country	Date from - Date to

Bulgaria	1988-1991, 2003-present (11 years)
Belgium	2007, 2009 (2 months)
Canada	1992-2002 (11 years)
Romania	2007 (3 months)

13. Professional experience

From-To	Location	Company & Reference Person	Position	Description
12/10-now	Bulgaria	Ontotext Corp: atanas.kiryakov@ontotext.com , CEO	PM, BA	Ontotext (www.ontotext.com) is a world-class software developer of core Semantic Web technologies. It has over 10 years experience in semantic web, text analysis and semantic annotation, web mining, etc.
10/10-now	Bulgaria	BG-KR IT Cooperation Center (ITCC): Jaehong Yoon, yoan4me@gmail.com , ITCC coordinator	Advisory Board member	Development of joint BG-KR projects, in particular application of Semantic Technologies to Cultural Heritage and Open Government Data publishing
9/09-11/10:	Bulgaria	Sirma IT Consulting; Tsvetan.Alexiev@sirma.bg , CEO Sirma Solutions Corp	Founder, Director	Full-service IT consulting: feasibility studies, gap analysis, system conception; IT strategy; Enterprise Architecture, Data Modeling, and Application Integration; Tender development, evaluation; evaluation of programmes, projects and proposals; IT security, audits; Project Management consulting, training, project cycle management, methodologies (PMBOK, PRINCE2, TEMPO); Business analysis and requirements specification. Manage EU Framework Contract "Beneficiaries" (FWC BEN) Lot3 "Telecommunications and information technologies, with consulting assignments in all phases of the project cycle: <ul style="list-style-type: none"> • Programme / project identification and preparation / formulation • Programme / project implementation • Preparation of Terms of Reference (services) and technical annexes (works, supplies) and evaluation of offers (Procurement) • Evaluations (ex-ante, interim, ex-post etc), monitoring
9/03-9/09:	Bulgaria	Sirma Solutions Corp; Tsvetan.Alexiev@sirma.bg , CEO	Chief Technology Officer	Overall responsibility for the R&D activities of the largest private Bulgarian software/ IT consulting company. Duties include IT consulting, leading project managers, tracking projects, setting technological and project management standards, staff education and career development, R&D infrastructure projects. Developing and leading seminars and training courses in project management and software development, both internal and external.
4-6/2010	Bulgaria	Ministry of Transport, Information Technology and Communications; Parvan Rusinov, prusinov@mtitc.government.bg , deputy minister	Workgroup Member	Member of the workgroup "Bulgaria e-Government Strategy". Focusing on e-Government data model, Interoperability (Register of Information Objects, XML Schemas, Unified Document Exchange System and related topics) and Security requirements . Establishment of web-based collaboration system
5/2010	Bulgaria	Ministry of Education, Youth and Science (for Sirma IT Consulting); Lora Pavlova, l.pavlova@mon.bg , National Contact Point for FP7 Region of knowledge	BA, PM	EU project "Research Infrastructures: Foresight and Impact" (RIFI), FP7- INFRA-2008-3.0, project 228293. Establishment of website and content management system
1-4/10	Bulgaria	Ministry of Education, Youth and Science (for Sirma IT Consulting); Lora Pavlova, l.pavlova@mon.bg , National Contact Point for FP7 Region of knowledge	Business Analyst	EU project "Networking on Science and Technology in the Black Sea Region" (BS-ERA.NET), FP7-INCO-2007-3.1.2, project 226160, task 3.1 "Designing of a Joint Evaluation and Administration System (JES) for future multilateral calls". Responsibilities: JES concept, business analysis, UML use-case modeling, requirements specification.

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12/09-09/10	Bulgaria	Prosecutors Office of Bulgaria (for Sirma Solutions); Georgi Bonchev, gbonchev@prb.bg , IT Director POB	PM, TL for Task1, Lead Analyst	Enhancement of the Information Systems at the Office of Prosecutor General for Combating Corruption (IDF Grant WBTF 058170-BUL CS-4184, financed by the World Bank). <ul style="list-style-type: none"> Task1: concept, business modeling, business analysis, full tender documentation for reengineering and future development of the Unified Information System (UIS) of POB, a system that handles all aspects of prosecutor and investigator case management. Includes process modeling, business analysis, integrations to UISCC and other government systems, e-Services, compliance with the Electronic Governance Law. Development of complete tender dossier for Operating Program Administrative Capacity, including market research and cost justification Task2: development of Data Warehouse and Business Intelligence reports for UIS. Task3: development of anti-corruption system where prosecutors declare their annual earnings, , other sources of income, real estate, other properties; purchases and sales during the year. Integration with the system of Bulgarian National Auditors Office Responsibilities: developed technical offer, manage the project, lead development of task1 (development of UIS reengineering project), lead business analysis, perform business modeling and analysis. Technologies: UML, RUP, Oracle 10g, Oracle Application Server, Oracle Business Intelligence Enterprise Edition, ARIS modeling, JEE5, Redhat Enterprise Linux
5-8/09, 5-8/10	Bulgaria	New Bulgarian University & Bulgarian Academy of Sciences ; Petya Assenova, pasenova@nbu.bg , Program director	Masters level lecturer	Design and lecturing of 2 core courses in Masters level university program on IT Project Management, co-organized by New Bulgarian University & Bulgarian Academy of Sciences (Institute of Mathematics and Informatics). See 6/10 conference paper.
11-12/09	Belgium	European Commission ; Arian.ZWEGERS@ec.europa.eu, DG INFSO	FP7 Proposal evaluator	Proposal evaluator for the 7 th Framework Program for Research and Development in IST (EU IST FP7) Call 5 Objective 1.2 "Internet of Services, Software and Virtualisation". Topics include Service Architectures and Platforms for the Future Internet, and Highly Innovative Service / Software Engineering
8/09-now	Bulgaria	Sirma Solutions & Sirma ITT (for Bulgarian Customs Administration); miroslav.chervenski@sirma.bg , PM	IT Consultant	Excise Management System phase 2.1: project PHARE BG 2007/019-303.06.04 "Development of national system for comprehensive Excise Management by the Customs Administration". Role: consulting on project management and system architecture
5-8/09	Bulgaria	University of Ruse ; Katalina Grigorova, katya@ami.ru.acad.bg , Director, Informatics and IT department	Masters level lecturer	Design and lecturing on IT/Software Project Management, Masters level university program on Software Engineering
5-8/09	Bulgaria	Varna Free University ; Pavleta Krysteva, pavleta_vfu@abv.bg , program coordinator	Masters level lecturer	Design and lecturing on IT/Software Project Management, Masters level university program on Software Engineering
7/08-10/09	Bulgaria	Bulgarian Customs Administration (for Sirma Solutions); Teodor.Martev@customs.bg , PM	PM, Lead Business/Process Analyst, Data Modeler, overall project planning and system architecture	Development of Export Control System phase 2 (ECS2): part of DG TAXUD eCustoms initiative, introducing electronic paper-free customs environment in the EU. ECS2 extends the exchange of Export Movement data between Office of Export and Office of Exit with new business objects (summary declaration), new processes (Follow-Up, Export Query, Risk Analysis), Security Amendments to the Customs Code as per Reg (EC) No 648/2005, integration with numerous systems, both national and trans-European (BICIS, EORI, RMF, Simplified Declaration Module, other Government Administrations), enhanced Security (including Agent Validation). Nominated for "IT Project of the Year 2009" by Computerworld Bulgaria. Technologies: RUP, UML, J2EE, XML, JSF, Informix, process modeling, BPMS (jBPM). Project size: 13 months, 35 staff peak, 380 p/m effort

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3/08-7/08	Bulgaria	Bulgarian Council of Ministers, Ministry of Education, Ministry of Health, Ministry of Regional Development, Ministry of Labor and Social Policy, Ministry of Internal Affairs, Roma NGOs (for Sirma Solutions); Ilka Kaydzhyska, I.Kaydzhyska@Government.Bg , state expert, Directorate Ethnic and Demographic Issues	Team Leader (BA and system evaluation), PM	Project PHARE BG 2006/018-164.06.01 "Technical assistance for creating an overall concept, needs analysis, technical documentation and specifications, participation in tender evaluation for a Common Monitoring System for project BG 2006/018-343.01.02 Improving the status and integration of ethnic minorities with special focus on Roma" (2.6 MEUR). Work: evaluation of existing systems, beneficiary interviews, system concept, feasibility study, needs analysis, business specifications, UML modeling, market research and cost justification, complete tender documentation according to PRAG rules. Technologies: Enterprise Architecture, OLAP, statistical indicators, reporting and charting toolkits, GIS and mapping, project/grant management, portals, collaboration, web content management.
5/08	Bulgaria	Finpiemonte S.p.A ; Erica Gay, Manager of Research, Innovation and Internationalisation Directorate, converging@finpiemonte.it	Proposal Evaluator	Evaluation of project proposals for the Converging Technologies call 2007 of Piedmont Region, Italy
5/07-1/08	Bulgaria	Bulgarian Customs Administration (for Sirma Solutions and IBM Bulgaria); Stoyan.Ivanov@customs.bg , IT Head RMD Burgas and PM; Teodor.Martev@customs.bg , PM	Sub-team Lead, Business Process Modeling	Projects in the Customs area involving BICIS and Export Control System. Team lead for the Lotus Forms part of the user interface. Participate in project planning, system architecture & design, team leading and coordination. Technologies: Websphere Process Server, Websphere Portal, Lotus Forms; Rational Portfolio Manager, Rational ClearCase, Rational ClearQuest, Rational Software Architect.
1/07-4/07	Romania	Romanian Ministry of Public Finance (MoPF) and National Customs Administration (RNCA) (for Sirma Solutions and ACE); Adrian.Popescu@mfinante.ro , General Director MoPF IT; Adrian Costin, acostin@customs.ro , IT director RNCA	Independent software expert: evaluation of existing systems, tender dossier, specification of Business Process Management and Software Architecture	Technical assistance for project elaboration and preparation of tender dossiers for all Phare 2005 projects of MoPF DGIT and RNCA IT department, amounting to 40MEUR. Market research and cost justification for all projects. Topics covered: development of internet portal forms for electronic submission by taxpayers, Adobe Intelligent Forms, centralization and migration of core MoPF applications from Oracle Forms 6 to internet version (including Human Resources management and Fiscal/Financial Audit), intranet portal and collaboration system based on IBM WebSphere Portal and Workplace, central Document Management System with archival/storage and disposal based on DB2 Content Manager and Tivoli Storage Manager, deployment of Identity Management and user provisioning from HR system, IT Security policies and procedures. Improvements to the inter-operation between MoPF and RNCA including unification of data models; technology migration for RNCA including system administration, platform upgrades and migration from ASYCUDA++ to ASYCUDA WORLD web-based version. EMCS2 (EU TAXUD Excise Movement Control System phase 2), National Excise Application covering registration/authorization of tax warehouses and excise traders, national and international movement of excise goods, system administration. Supply of hardware and software in 14 lots.

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10-12/06	Bulgaria	Unicredit/Bank Austria/HVB (Bulbank/Biochim/Hebros) (for Sirma Solutions); Kristin.Krumov@mail.bg , Head of IT (former)	PM consultant	PM Consulting for triple bank merger project. Provided PM consulting in the Infrastructure and System Integration work stream of the IT Cluster. Specific areas (sub-projects) addressed include: Data Center establishment (IBM hardware, AIX, Oracle Enterprise and RAC for core and satellite bank systems) of Main and Disaster Recovery center, physical, electrical and VAC; Network & Telecommunications (nation-wide network topology and design), Distributed Environment (establishing Active Directory, Windows domains and common services such as), System Integration (SOA approaches for integrating the core banking system FlexCube with 25 satellite systems), Security and User Profiling (recommended the use of an Identity Management solution), Service Management (ITIL-based, SLAs, Service Model and Catalog, Mercury monitoring tools), Historic Archiving and Retention. Technologies used: Microsoft Project, Microsoft Project Server, Inserted sub-projects, web progress and status reporting, weekly work stream status reports, plan development, coaching individual Project Managers, review and recommendations for Enterprise Architecture and SOA-based Enterprise Integration approaches.
3/06-12/06	Bulgaria	BNP Paribas Personal Finance (formerly JetFinance) (for Sirma Solutions); teodor.yantchev@jetfinanceintl.com , IT director	Lead business/process analyst, project manager	Development of ERP System "JETIX". The system automates most business processes in the largest consumer credit company in the country. Includes credit application processing, scoring, credit administration and dossier management, mailing, risk management, collection, bank clearing, installment (payment) matching, accounting, integration with Maconomy, etc. System supports about 100 different business roles (positions). Duties: business analyst, project manager, UML design, business process modeling. Technologies: UML, RUP, SOA, SQL Server 2005, SQL Analysis and Reporting Services, MS.NET 2.0, C#, Windows Workflow Foundation (BPM).
03/06-10/06	Bulgaria	Bulgarian Customs Administration (for Sirma Solutions for IBF); Krassimir.Nikolov@customs.bg , Deputy Director General BCA	Independent software expert and Team leader	Technical Assistance for finalization of Terms of Reference for PHARE project "Extension of Bulgarian Integrated Customs Information System (BICIS) functionality" (6.3 MEUR) according to PRAG rules, participation in the respective tender evaluation. Beremska 12 BG-PAO-FWC-BIS. Serving as senior international software expert (independent evaluator) and team leader. Technologies: SOA, J2EE, BPM, RUP, Rational Rose.
10/06	Belgium	European Commission; Charles.MACMILLAN@cec.eu.int , DG INFSO	Proposal evaluator	Proposal evaluator for the 6 th Framework Program for Research and Development in IST (EU IST FP6 Call5) in the 'Software and Services' Strategic Objective.
11/05, 3/05	Bulgaria	Umicore, Energy sector executives (for Sirma Solutions); Dimiter.Angelov@umicore.com , Investment Projects director	Project Management trainer	PM training to the staff of Investment Projects department of Umicore (Aurubis) (18 people, 4-day course) and Energy sector executives (15 people, 3-day course). Followed PMBOK, covered Project Management Context, Processes, Integration Management, Scope Management, Time Management, Cost Management, Quality Management, Human Resource Management, Project Teams, Communications Management, Risk Management, Procurement Management, Developing a WBS, Estimating, Scheduling, Executing and Controlling Processes, Integrated Change Control. Trainee management, certificates.

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11/04-07/05	Bulgaria	Bulgarian Patent Office, Bulgarian Customs Agency, Ministry of Culture, Ministry of the Interior and Ministry of Justice (for Sirma Solutions); Boyko Philipov, bphilipov@bpo.bg , IT director BPO	Enterprise architect, Project manager	PHARE project "National Intellectual Properties Information Exchange System" (NIPIES). Inter-government system for information exchange, collaboration and dissemination that integrates Intellectual Property (IP) descriptions across all government departments dealing with IP issues. The system is part of Bulgaria's obligations for ascension to the European Union. Developed technical offer, performed business analysis with stakeholders from various government departments, organized staff education and certification, managed the project Technologies: UML, RUP, sophisticated software architecture based on IBM products, including Business Integration Server, WebSphere Portal and DB2 Content Manager.
11/04-07/05	Bulgaria	Prosecutors Office of Bulgaria (for Sirma Solutions, Acsior, Rila Solutions); Georgi Bonchev, gbonchev@prb.bg , IT Director POB	System architect, Project manager	PHARE project "Unified Information System" (UIS) for POB, a system that handles all aspects of prosecutor and investigator case management. UIS enhancements: 1. Module for communication between UIS and the national Unified Information System for Combating organized Crime (UISCC); 2. Enhancements to the user interface and document generation modules to enable more convenient and better integrated use of the system. 3. Migration of the system (database and web servers) from Windows to Enterprise Linux. These enhancements enabled the nation-wide deployment and acceptance of the UIS system, and integrated it with the national UISCC system, both of which improve the organizational efficiency of POB and enhance its crime-fighting abilities. Responsibilities: developed technical offer, managed the project and consortium relations, managed technical architecture, performed business modeling. Technologies: UML, RUP, Oracle 10g, Oracle Application Server, ARIS modeling, J2EE, Windows 2000, Enterprise Linux
1/05-3/05	Bulgaria	Ministry of Education and Science (for Sirma Solutions); Albena Vutsova, a.vutsova@minedu.government.bg , Director, Scientific research and projects	Project manager	Current Research Information System (CRIS) and Information System for Management of Scientific Research (ISMSR). CRIS is the Scientific portal of Bulgaria: it manages data about all national and international research projects, scientific organizations and researchers, as well as research results such as patents, publications and products. ISMSR manages public funding, review and selection of research projects, execution and monitoring of research projects. The two systems are of vital importance for invigorating and publicizing scientific research in Bulgaria. Based on the Common European Research Information Format (CERIF) to facilitate exchange with other European research information systems. Initiated the project, managed during inception phase
05/04-12/04	Bulgaria	World Bank (for Sirma Solutions); Kremena Gocheva, infom@bccci.bg , TTFSE coordinator	Business/process analyst, architect	Trade and Transport Facilitation in the South-Eastern Europe website (www.ttfse.org): Business/process analysis, system architecture and design. The project involves enhancements to site functionality, content, administrative functions, and the Route Planner GIS application.
07/03-01/04	Bulgaria	Sirma Solutions; Tsvetan.Alexiev@sirma.bg, CEO	Enterprise architect, Business analyst	Business Requirements Analysis for the information needs of several business IT systems, including: Levski Spartak Insurance Company business operation system, Ministry of Defense "Rest and Recreation" Executive Agency reservation system, EuroLion consumer credit management system. Technologies: stakeholder interviews, Zachman framework analysis, business analysis, RequisitePro
2/03-7/03:	Canada	SEP Bulgaria	Architecture consultant	Architectural consulting for Mobile Payments (MPAY), a system to pay for goods and services using mobile phones for Bulgaria. Devised and described the high-level mPay architecture, including all IT security aspects. Technologies: J2EE, XML/XSL, UML, RUP, business analysis, use cases, Java 1.4, EJB, RMI, JSP, JME, Jiraffe (Sirma framework), Weblogic application server, WebSphere application server, Tomcat application Server, MS SQL Server, Oracle 10g, mobile protocols: USSD, SMS;

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3-4/03	Canada	Transport Canada ; Jonathan Rose, rosej@tc.gc.ca , Senior Analyst, Risk Evaluation Dangerous Goods	System architect, Business analyst	Transport Dangerous Goods Online Accident Reporting (TDG OAR), system for web-based reporting of accidents involving dangerous goods, part of the Government On-Line initiative at Transport Canada. Evaluated business processes, conducted domain expert interviews, modeled the business domain, developed a model of inclusion for Means Of Containment and corresponding diagrams. Developed database model in Erwin, generated physical schema for Oracle 8i. Developed online help from the user guide, linked help in the system. Selected and managed the team. Developed the project plan, delivered status updates and bi-weekly reports to the project authority, managed the overall progress of the project. Technologies: business modelling based on UML, GOL CLF, ASP, VBScript, VB COM, ADO, Oracle 8i, Erwin 3.5, Microsoft Word, HtmlTidy.
6/98-1/03:	Canada	WorkLogic Corp ; Yavor.Djonev@sirma.bg , managing director	Director of Research and Development	Overseen all product and custom project development of this web-based software development company. Successfully grew the R&D team from 4 to 15 staff in 2 years. Duties: business analysis, architecture, specification, database design, project management, configuration management, release planning, setting directions for future development, oversee customer support and quality assurance. Wrote about 20 bids in response to RFP requirements.
12/01-9/02	Canada	Elections Canada (for WorkLogic Corp); Phil.Hopkins@Elections.ca , systems support	Project manager, business analyst	The ECSN1 & ECSN2 (Elections Canada Support Network) systems ran the Canadian Federal Elections in 2000, 2002, 2006, 2008. Performed requirements gathering and analysis, wrote the system specification and project proposal, developed project plan, managed and tracked the project, redesigned database schema for better manageability and speed, participated in load-testing, optimization and hardware sizing. Technologies: ASP, VBScript, ADO, Oracle 8i, Erwin 4.0.
06/99-11/02	Canada	Library of Parliament (for WorkLogic Corp); Mike Graham, GrahamM@parl.gc.ca , director Information & Documentation	Project manager, business analyst, integration designer	ParlRef, a core line-of-business Library Reference system. Integrated with: ParlCat (web-enabled catalogue system), WorkLogic Orgvisiion (data about clients and staff), Docuvisiion (documents relating to FAQs). Specified the system (client selection/creation screens, Intranet Online Request System, ParlCat and Docuvisiion integration), gathered and analyzed requirements, managed the project. Technologies: UML, RUP, VBScript, JavaScript, MSSQL 7, ADO, Windows NT Logon.
10/98-07/01	Canada	Human Resources Development Canada (for WorkLogic Corp)	PM, business analyst, eBook producer	National Occupational Classification (NOC) web site and search engine. Managed the project, specified enhancements, performed ongoing administrative tasks (error log monitoring, watchdog, summarization of traffic reports), developed documentation, created a 10,000 page PDF book from the NOC data (fully searchable, table of contents, cross-references, index, etc). Technologies: Oracle 8.0, Netscape Enterprise Server 4, Server-Side JavaScript, PDF LaTeX, Linux
06/98-10/01	Canada	Human Resources Development Canada (for WorkLogic Corp)	Director of Research and Development	Online Data Intranet and Information Network (Odiin), a Grants and Contributions system for the Youth Initiatives Directorate. Specified and managed re-engineering from Borland IntraBuilder and Access to Java and Oracle. Specified and managed system improvements. Technologies: business modelling based on UML, Java, JSP, Servlets, JRun 3.0, Oracle 8i
1992-1998	Canada	Sirma International ; Yavor.Djonev@sirma.bg , CEO	Consultant/Researcher (part-time)	Various research tasks, strategic consulting, helped develop system architectures and defining project scopes. Transport Canada Briefing Notes (TCBN). Comparative analysis of Object Database Management Systems. Competitive analysis of Document Management Systems and web-based DMS interfaces, developed company positioning regarding DMS.

14. **Publications** (<http://personal.sirma.bg/vladimir/pubs>)

- 6/10: (with P.Asenova) "An Approach to Teaching IT Project Management in a Masters Program", 6th Annual International Conference on Education in Computer Science, 26-29 June 2010, (Fulda and Munich, Germany)
- 2/10: "Cost-effective e-Government Services: Export Control System phase 2 (ECS2)", Bulgaria-Korea IT Experts Workshop, Feb 2010
- 12/09: (with T.Martev, in Bulgarian): "Electronic export declarations make easier the work of the Customs Agency and traders", Computerworld 46/2009. Nominated for IT Project of the year 2010
- 10/09: (with A.Mitev and A.Bukev) "Implementing complex e-Government solutions with open source and BPM: Architecture of Export Control System phase 2 (ECS2)", Java2Days conference, Sofia
- 2/05: "Information Integration with Relational Databases and XML", chapter 2 of "Information Integration with Ontologies: Experiences from an Industrial Showcase", John Wiley & Sons, ISBN 0-470-01048-7.
- 9/04: "Data integration survey", deliverable of European project "Corporate Ontology Grid" (COG)
- 8/99: "Non-Deterministic Interaction Nets", PhD Dissertation, University of Alberta.
- 4/98: "Representing the Finite pi-calculus in Multi-Interaction Nets", University of Alberta technical report.
- 1/98: "Distributed Synchronization in a pi-Calculus with Bidirectional Communication", University of Alberta technical report.
- 12/96: "Concurrent Object-Oriented Programming in Interaction Nets", University of Alberta.
- 9/96: "Targeted Communication in Linear Objects", In "Artificial Intelligence: Methodology, Systems, Applications" (AIMSA'96), IOI Press.
- 9/95: "Event Calculus as a Linear Logic Program", University of Alberta technical report TR95-24.
- 2/95: "Object-Oriented Logic Programming based on Linear Logic", PhD Thesis proposal, U of Alberta.
- 3/94: "Applications of Linear Logic to Computation: An Overview", Bulletin of the IGPL, 2(1) p.77-107, ISSN 0945-9103. Also University of Alberta technical report TR93-18.
- 9/94: (with G.Marinov, and Y.Djonev) "Boolean Constraint Propagation Networks", In "Artificial Intelligence: Methodology, Systems, and Applications" (AIMSA'94), P. Jorrand and V. Sgurev (editors), World Scientific Publishing
- 9/93: "Mutable Object State for Object-Oriented Logic Programming: A Survey", University of Alberta technical report TR93-15.
- 3/93: "An Annotated Bibliography on Integrating Object-Oriented and Logic Programming", U of Alberta.

15. Awards and Achievements

- 1997-1998: University of Alberta Dissertation Scholarship.
- 1997: Andrew Steward Memorial Graduate Prize to present at an academic conference.
- 1995-1996: Killam Memorial Scholarship, University of Alberta.
- 1992-1994: University of Alberta PhD Scholarship
- 1988-1991: Annual Excellence Scholarship, Technical University of Sofia
- 1986: 1st Place Winner, Bulgarian National Programming Olympiad