

Stephan Mitchev

(301) 503-8196
stephanmitchev@gmail.com

Resourceful and highly-skilled leader offering over ten years of experience in the commercial, educational, and non-profit Information Technology domains with passion for bridging business vision and available technology to create valuable business solutions. Eloquent communicator, able to translate latest technology resources into a solution-oriented dialogue with subject matter experts, executives, and stakeholders.

Experience Highlights

10 years of combined full and part-time experience in various Information Technology environments

- 4 years of experience in the commercial sector
 - Planned and built client infrastructure for both private and public use
 - Engineered software solutions for e-commerce and local service markets
 - Designed enterprise-level infrastructure and supporting services to ensure scalability and growth.
 - Lead a hybrid team of offshore and in-house resources in designing complex merchant and fulfillment integration solutions.
 - Developed formal software models for ecommerce solutions requiring multi-vendor interactions.
- 3 years of experience in the educational sector
 - Assisted the generation of grant documentation
 - Implemented cross-institution solutions using latest architectural and design approaches
 - Engineered and shipped educational software using multiple hosted and local services.
- 4 years in the non-profit sector
 - Developed enterprise-level solutions for external and business-only use.
 - Emerged as a technical leader by mentoring peers in various areas of software engineering and design, providing guidance to subject matter experts, performed impact analysis of complex initiatives at risk, and advising management on risk and cost remediation approaches.
 - Lead multiple enterprise-wide initiatives for establishing architectural and engineering standards.

Education

MS in Computer Science

Jan 2007 – May 2009
George Mason University, Fairfax VA
Field of study: Artificial Intelligence

BS in Computer Science

Aug 2001 - May 2004
Concord University, Athens WV
Recipient of Academic Achievement Scholarship

Technical Skills

Certifications: Certified Scrum Master

Architecture: Zachman FW, TOGAF, UML (Enterprise Architect, Rational)

Programming languages: Java 2EE (Hibernate, JSF, JSP, EJB 3.0, JMS), .NET (VB, C#, WF), Objective-C, Cocoa/NIB, LISP, T-SQL, Object Pascal, C / C++, PHP

IDE software: Eclipse, Xcode, Visual Studio, LISPWorks, Delphi

Database Software: SQL Server 2000 / 2005, Oracle 10g, MySQL (InnoDB, ndbcluster)

Office: Microsoft Office (Word, Excel, Visio, Project, Outlook)

Server Software: Apache, JBoss, Tomcat, CruiseControl, Subversion, Microsoft IIS, WebTrends Reporting Console, Lyris List Manager, UltraSeek Enterprise Search Engine

Work Experience

Senior Technical Lead

Jan 2006 - present

- Lead a medium-sized development team responsible for the transition, operations, and maintenance of a complex financial system that is used to manage a 5-billion dollar fund.
- Create a road map for the architectural evolution of the system. Plan platform migrations and determine necessary updates to the system in order to reduce required maintenance and increase the capability to deliver new functionality to the business.
- Communicate process feedback and technical knowledge across the enterprise in order to promote collaboration and build a common knowledgebase.
- Adopt and establish new processes (SDLC, CM, RM) for efficient management of work items related to the O&M and new development of the system. Establish a SCRUM environment and become the Scrum Master.
- Establish development, multi-unit testing, user-acceptance testing, staging and production environments for the system.
- As part of the Configuration Management process, established policies for release promotion and continuous integration.
- Lead the architecture, design and development of an enterprise-scale collection and disbursement system. Organize tasks and manage resources in order to meet tight deadlines. Provide an interface between developers and management in order to facilitate inter-group communications. Lead phase-exit product presentations and provide time estimates in order to effectively manage stakeholders' expectations.
- Provided architectural feedback in order to employ SOA effectively within the newly-designed disbursement system.
- Lead JAD sessions in order to provide an accurate technical interpretation of business requirements. Strictly follow company's SDLC while creating rapid prototypes with innovative technologies, which results in better business users' experience and evaluation.
- Use agile approaches in the development phases within the project-appropriate SDLC (Iterative, Waterfall, or Microsoft Solutions Framework), which results in higher output quality and reduced development time.

Universal Service Administrative Company Washington, DC

- Contribute to the work of the Process Improvement Group by regularly meeting with their teams to analyze current projects and processes involved in the project execution, determine bottlenecks and develop solutions to optimize the workflow.
- Develop an enterprise-wide Coding Standards and Guidelines document to standardize development efforts and apply well-known design patterns to achieve better predictability. Presented the standards document and received a buy-in from the vast majority of the developers.
- Design, develop, and maintain solutions utilizing Visual Studio 2003/5 and different technologies (XML, SQL Server, and ASP). Design process flows for new projects and research adequate technologies. Automate existing manual processes in order to reduce human factor/error.
- Integrate legacy and newly created systems into the existing enterprise infrastructure. Provide support and maintenance to business users' systems while introducing optimized business processes.

Lead Software Developer

Jul 2004 – Jan 2006

**Webcast 1, Inc.
Boca Raton, FL**

- Created a vision and road map for the company's mainstream software in order to achieve module reusability and system scalability. Reduced the required maintenance time by a factor of 3 while allowing a better focus on customer demands-driven development.
- Functioned as an architect / lead developer charged with creating of a unique web-based media streaming solution involving a sophisticated media and content management systems.
- Designed, developed, and maintained business web applications utilizing Borland Delphi and various web technologies (XML, MySQL, ASP, PHP, and MS SQL Server). Provided technical assistance, problem solving, and mentorship to the company's development team, designed flowcharts and schematics to facilitate the internal development process. Project-managed and supported a set of high-end consumer web systems.
- Lead the design, development, and integration of custom payment processing modules.
- Developed e-commerce modules for transparent communication between web sites and different service providers (Authorize.net, IFulfill.com, and NetSuite.com).
- Managed an off-shore development team through the development of e-commerce solutions. Coordinated inventory delivery, timeline, preview sessions and testing procedures.

Software Developer and Graphic Designer

Feb 2002 – Dec 2002 (part-time)

**Datamazing, LLC.
Princeton, WV**

- Designed, developed and deployed educational and business software as well as complex multimedia projects utilizing latest graphics technologies and extensive database connectivity.
- VT1000 - Employed DirectX graphics layer and MySQL connectivity to create a game that enhances the visual memory and support child development. The product was used in over 180 schools nationwide as a learning and performance assessment tool.
 - Grade Butler - Created a versatile grade book system that allows teachers to record, keep, and calculate grades, generate student and class performance reports, record attendance, send messages to their classes and many more.
 - Grade Butler NET - Developed a standardized framework, linking multiple schools, including the school directors, teachers, parents, and students. Grade Butler NET allows directors to generate reports for every teacher, every teacher's class, attendance reports for their school and many more. This system increases the efficiency in gathering student performance data and yields statistical reports.

Web Developer and Graphic Designer

Sept 2001 – May 2004 (part-time)

**MSUB, Concord University
Athens, WV**

- MSUB Web Site - Built an extensive database-driven web site, which incorporates latest trends in web design (PHP, custom Java Scripts, MySQL backend) and different kinds of graphics technology as VRML, Viewpoint, and 3D Studio MAX scenes.
- Recruitment CD - From 3D Studio MAX to Macromedia Flash, from Delphi to MySQL, I completed this project to become the main recruitment tool for the program
- Inventory Control System - Created a powerful system that is extensively used in MSUB as well as other offices at Concord College campus. By utilizing barcodes and database connectivity it creates a more efficient process of tracking inventory. As a result, the paperwork involved with inventory tracking was reduced by 80%.

Consultant

Sept 1999 – Jul 2001

**Freelance
Sofia, Bulgaria**

- Established residential network infrastructure to support technology and services availability.
- Designed and build infrastructure and software services for public LAN rooms.
- Developed managed Windows Shell integrating execution prevention, time tracking, and billing functions.
- Consulted major local companies in IT related issues.