LEONID SHIRIAEV
Phone: (917) 767-2857 • E-mail: leoweb7@hotmail.com

PROFILE

• Skilled web application/database developer and engineer specializing in the creation and implementation of database-driven enterprise systems and interactive applications for the Internet/Intranet. Solid ability in creating e-Commerce, reservation/booking, financial tracking and accounting systems, as well as database-driven email distribution of marketing/advertising materials such as newsletters, event reminders, etc.
• Expertise utilizing Adobe Cold Fusion, Oracle PL/SQL, MS SQL Server, MS Access, T-SQL, GIS Google & Bing Maps API, BO Crystal Reports, AJAX, jQuery, JavaScript, HTML, Responsive CSS, XML Services, WDDX and Windows Batch Scripting.
• Proficiency in Windows Servers Family, IIS Web Servers, FTP Servers, Scalable Load Balancing Web Farms, Adobe Cold Fusion MX Web Application Server, Crystal Reports Server, Adobe CS5, Dreamweaver CS5, Visual SafeSource, and TortoiseSVN (source control software).
• Working knowledge of ASP.NET, PHP, Java Applets and MS Office Suite.

EXPERIENCE

UNDP - United Nation Development Programme, New York, New York **(07/2011 – 04/2025)**
Senior Analyst/Web/Database Developer
• Supported and maintained applications and databases for Office of Information Systems and Technology; developed and integrated new business requirements and expanded site functionality. d
• Utilized Adobe Cold Fusion, Adobe Dreamweaver CSS5.5, jQuery, JavaScript, HTML, CSS, AJAX and MS SQL Database T-SQL Design and Programming.
• Developed and maintained well-structured interactive financial web reports in HTML, Adobe Acrobat and Excel, incorporating analytical charts, maintained SVN code source, and other information systems/components to fulfill the Office business goals.
• Produced interactive GIS web/database enabled mapping system utilizing Google Earth API open-source code to track funds locations and movements in real-time.
• Worked closely with clients and appropriate staff to ensure that all web and database development objectives meet UNDP mandated standards for web application content.

ABCT - Association for Cognitive And Behavior Therapies, New York, New York **(09/2007 – 08/2023)**
Senior System Analyst/Web Developer Consultant
• Managed a multi-tiered Web Enterprise System to provide online access to Behavior Therapy and Cognitive and Behavioral Practice where members find state-of-the-art research findings and techniques for their practice. Web technologies utilized were Cold Fusion MX, Dreamweaver CSS5, jQuery, AJAX, JavaScript, HTML, MS SQL 2008 and MS Access. Ongoing responsibilities included coordination and maintenance of existing applications, development and integration of new business requirements, design of graphic contents and continued expansion of site functionality.

MTA - Metro-North Railroad, New York, New York **(05/2008 – 06/2010)**
Senior Analyst/Computer Programmer
• Supported, coordinated and maintained applications and databases for Operations Division, developed and integrated new business requirements and expanded site functionality.
• Utilized Adobe Cold Fusion MX 8.0, Adobe Dreamweaver MX 9 CSS, jQuery, AJAX, ASP.NET, MS Visual Studio 2005, JavaScript, HTML, Oracle 10g PL/SQL Programming, Crystal Reports XI, MS SQL 2005, SharePoint and MS Access.
• Created interactive, secure and database-driven web-based applications for MTA Asset Management System functions, such as monitoring and managing ticket sales via Ticket Machines; tracking train fleet assignment and maintenance tasks.
• Developed and supported an agency-wide secure single-point login system that issues tickets to clients authorizing their network and applications permissions, using LDAP secure authentication, back-end encryption and SSH tunneling.
• Developed and supported vital components to encrypt and securely exchange commercial data over the Internet for MTA Metro-North Credit Card Acceptance Merchant Service, using Java Beens, XML Services and Oracle PL\SQL back-end functions.
• Produced interactive GIS web/database enabled mapping system utilizing Microsoft Virtual Map and Google Earth API open source code to track train movements in real-time schedule.
• Developed and maintained well-structured interactive web reports in HTML, Crystal Reports, Adobe Acrobat and Excel, incorporating analytical charts; also maintained SVN source code version control, and other information systems/components to fulfill the railroad's business goals.
• Worked closely with project managers and staff to ensure that all web and database development objectives met MTA mandated standards for web application content and for section 508 assistance.

FAA - Federal Aviation Administration, New York, New York **(02/2002 – 05/2007)**
Computer Specialist – Project Manager/Web/Database Developer
• Designed, developed, implemented and managed a multi-tiered Web Enterprise System for FAA Eastern Portal Intranet, using Windows 2003 Servers Load Balancing Clusters, IIS 6 Web Servers, Adobe Cold Fusion MX, SQL Server 2000/2005, Crystal Enterprise Report Application Server, SharePoint Server, Metaframe NFuse Farm and Windows Host Scripting for Batch Files to automate and schedule daily database processes and reports repository.
• Created interactive, secure and database-driven Intranet applications utilizing Cold Fusion MX Studio, T-SQL Development, MS Access, VBA, PL\SQL Oracle Programming, Fireworks, XML/WDDX, HTML, jQuery, AJAX, JavaScript, and ASP.NET to handle essential payroll, budget, time and attendance, issuing logging tickets and tracking functions; produce interactive GIS web enabled mapping utilizing Microsoft Virtual Map and Google Earth open source code; create dynamic and interactive web DHTML and crystal reports with analytical charts, tools and other information systems/components.

• Worked closely with project managers and staff to ensure that all web application and database development was in compliance with FAA mandated standards for web development and content, and for section 508 assistance.
• Responsible for researching, evaluating and purchasing new web technologies and training for the FAA web presence. Managed budgetary concerns for equipment repairs and maintenance.

UBS PAINEWEBBER INC., New York, New York (07/2000 - 06/2001)
Senior Associate/System Development
• Created, designed and tested a number of financial systems/components toward the needs of the Credit/Risk Division.
• Designed an Enterprise System for the Corporate Intranet that was customized for Credit/Risk financial analysts, using SQL Server 7, Oracle PL\SQL and Store Procedures, Crystal Reports, MS Access, Cold Fusion, XML, WDDX, HTML, Javascript, Windows Host Scripting for Batch Files to automate and schedule daily/weekly/monthly database processes.
• Implemented the seamless integration of 1,000-plus retail accounts database from newly acquired JC Bradford. Upgraded and tested corporate databases from SQL Server 6.5 to SQL Server 7.0
• Provide full support for a number of vital web-based applications and reports utilized daily by the Credit/Risk Division.

DDC - NYC DEPARTMENT OF DESIGN & CONSTRUCTION, New York, New York (06/1997 - 03/2000)
Web Developer/Project Leader
• Led creation, testing and implementation of a series of user-friendly interactive, database-driven applications designed for the Intranet and Internet.
• Created interactive Intranet applications designed to handle numerous personnel functions such as payroll, projects conference sessions, digital technical library, dynamic report generator, Java graphics charts for financial statistics and other web based management tools to handle construction projects primarily using Cold Fusion Web Application Server, Java Applets, ASP and Database Server MS SQL 7.
• Custom designed database report vehicles using MS Access RDBM/SQL Server 6.5 Systems for DDC end-users.
• Reprogrammed departmental client/server applications from VB/MS Access/VBA to Cold Fusion resulting in more efficient web applications.
• Worked directly with the Deputy Commissioner of MIS to publish agency manuals and forms for the DDC Intranet, using full-text Verity Search Engine.

SPECIAL PROJECTS – FREELANCE

AMERICA TRAVEL INC., New York, New York (05/2007 – 07/2014)
• Developed and launched this world wide interactive travel information website and Hotel Booking web service system, using Adobe Cold Fusion, XML Services, jQuery, AJAX, JavaScript, HTML and MS SQL 2008. Created database-driven dynamic online catalog and designed the graphic contents of the website. Design, develop, tested and implemented the online Credit Card Acceptance Merchant Service for Tour Operators worldwide. Ongoing responsibilities as this site's Webmaster and Project Manager include almost-daily coordination of application functionality, updating static Hotel database through XML API Services and graphic contents with site secure administrative remote console.

EDUCATION

• BMCC/CUNY, New York, New York/Associate Degree in Applied Science/Computer Programming
• Graduated with Honors/Grade Point Average of 3.84

CERTIFICATION AND TRAINING

• GIS Google API Development. Learning Tree, NY, NY.
• Oracle Database 10g: Advanced Programming with PL/SQL. Oracle University, NY, NY.
• ASP.NET with C#: Developing Web Application. Learning Tree, NY, NY.
• SQL Server Application Development Certified Professional through completion of Learning Tree required courses and examinations.
• Advanced Macromedia Cold Fusion MX Certified Developer through completion of Macromedia Training Class.
• Internet Information Server 6 for Windows Server 2003 through completion of Learning Tree advance technology course.
• Windows Server 2003 through completion of Learning Tree advance technology course.
• Advanced Crystal Reports Web Development through completion of Crystal Decisions Training Class.
• Microsoft SQL Server T-SQL Programming through completion of Learning Tree advance technology course.
• Selective Certifications awarded by The NYC Department of Citywide Administrative Services in:
- Database Systems and Applications Development;
- Internet and Emerging Technologies;
- Networking Technologies.

LANGUAGE FLUENCY

• Fluent in Russian and English.