
SUMMARY

20+ years experience in software development.
Special interest in financial, accounting, securities, or banking applications.

PROGRAMMING EXPERIENCE

Languages

C#/.Net, Visual Basic, C++/C, JavaScript, VBScript, SQL, HTML, Perl, Java, Delphi.
Databases: MS Access, SQL Server, IBM DB2, Oracle.

Operating systems

Windows XP, Windows 2000, Caldera 2.3-2.4 & Red Hat 6.1 Linux
Also: Windows NT, Windows Me, Windows 98, Windows 95, MS-DOS.

Platforms

PC-line. Also: mainframes.

Tekmetrics/Brainbench certifications

C++, Visual Basic, HTML, JavaScript, MS Access, C, Java

EMPLOYMENT HISTORY

May 2005 – present **Bellevue Community College**

Bellevue Community College Student Services: 50% accounting, 50% student societies management

- Managing ~100 student societies including managing budgets, paperwork, assistance
- Organization and logistics for various events: meetings, trips, conferences
- Accounting, bookkeeping, reporting for these student societies

Apr 2001 – present **Galiel.Net – consulting and publishing**

Owner and operator. My projects included:

Oct 2005-present Contract for a financial (security trading) company

Full software development cycle (including development of new features, testing, maintenance and support) for a financial/trading company

- End-to-end ownership (maintenance and extensive new development) of the compiler from the TradeStation-style automatic trading language (C++, COM)
- End-to-end ownership of the runtime for the programs created by the compiler (C++, COM).
- Maintaining test framework in VB

2003-2004 Writing a book on testing

I wrote and published a book "Software Testing: The Basics of the Trade" (ISBN 0-9770364-0-5, see Amazon.com).

2003 Contract for inventory maintenance system

Skills: Advanced MS Access, VBA scripting, SQL

I solely created inventory maintenance and accounting system for the multi-site producer of aromatic cosmetic and food oils I.P.Callisons, Seattle, WA

I owned the full development lifecycle from requirements to deployment.

2001-2002 Writing a book on .Net and C#

Skills: C#, .Net

I wrote and published a book on C# programming language (ISBN 1-55395050-X, see Amazon.com).

Nov 2000 – Mar 2001 Lineo Inc., Seattle Development Center, WA

Software Engineer, full-time permanent position

2001 Installation (setup) for Embedix™ (embedded Linux)

Skills: Delphi, Perl, Linux, Windows 2000, INNO

I created the installation (setup) used in the distribution of Lineo® Embedix™ for Motorola 8260.

2001 Test suite for ixCOM on Linux/Embedix™

Skills: C++ (CodeWarrior 6.0 and GNU), ixCOM 1.0

I created the test suite for ixCOM (Linux-based COM-style object model)

2000 Collection and reporting system for distributed testers organization

Skills: IBM UDB DB2, MS Access 2000 (front end)

I worked on a system of collecting test results and their visual reporting for distributed testers organization, where separate testers may be located in different countries.

Feb 2000 – Oct 2000 Move from IL to WA

Break due to the move

2000-1999 Creation and maintenance of web sites

Skills: HTML, Javascript, WML, PHP, Apache

I created two web sites: <http://www.thewisemoney.com> and <http://www.galiel.net> from a concept to the production. Intensive JavaScript and PHP programming, maintenance, testing and validation. Sites are hosted in Linux / Apache environment.

Oct 1998 – Feb 2000 New Resources Corp., Peoria, IL

Consultant/Software Developer, full-time permanent position

1999 E-Business prototypes and systems development

Skills: VB, ASP, Javascript, HTML, ActiveX/COM, MS Access, IIS, Apache/CGI, Java

I created several completely functional prototypes of eBusiness systems, including virtual used cars dealership, used equipment eStore for heavy machinery dealerships, and parts availability locator for dealership networks. These completely functional prototypes were used to promote and complete sales of consulting services.

1999 Inventory system front-end

Skills: Oracle 8.0, Visual Basic, SQL

This project was planned by Caterpillar® Corp. IT department for permanent employees, but because of a deadline it was reallocated to consultants. I successfully completed this project at 400% of originally expected performance.

1999 MS Access application for billing in heavy equipment rental business

Skills: MS Access, VBScript, Visual Basic, SQL

I created the billing application for the heavy construction equipment rental company. The application replaced old mainframe-based application, providing flexibility and additional features. It covered the whole billing cycle from entering rental reports to issuing invoices to customers, based on the best applicable rate.

1998-99 Sales research clientele database

Skills: VB, MS Access, C

I designed MS Access database and collected data on potential clientele (dealers of particular companies) from Internet with a total amount of several hundred records. Then I created VB front-end to provide convenient access to this database for the company sales department to assist their work on locating prospective clients.

Sep 1997 – Mar 1998 JEG Engineering Company, Columbia, MO

Contract project for:

1997-1998 Online data collection and statistical analysis of online auctions

Skills: C, C++, TCP/IP, Socket programming, HTTP protocol implementation

I performed statistical analysis of eBay online auctions data. The result of the analysis was used to create the report "How to sell on eBay".

I also created the data collection http agent, that was used to gather the data.

1984-1996 Previous experience in Russia and former Soviet Union.

- Leading group of 3 programmers in development of communication (telephone) embedded software;
- Two articles in industry publications (telephony and SDL implementation);
- Development of software tools for automated (CASE) design of telecommunication software systems;
- Implementation of SDL design language for embedded telephone control real-time systems;
- Implementation of cross-assemblers for embedded real-time systems.

EMPLOYMENT HISTORY IN ACCOUNTING (ST.PETERSBURG, RUSSIA)

Feb 96 - Jan 97 "Omega-17 Ltd."

Chief Accountant, the company specialized in wholesale merchandizing.

Dec 94 - Jan 96 Joint venture "Art-Motors"

Chief Accountant, the company was an authorized dealership of a German carmaker Opel (affiliate of General Motors); new & used cars and service.

Nov 92 - Dec 94 "Russian Agency for New Information Technologies - St.Petersburg"

Chief Accountant, the company specialized in management, economic and technology consulting.

Aug 91 - Dec 94 Galiel Ltd.

Co-owner, executive director and Chief Accountant, the company worked in the software development and economic consulting.

OTHER**Education**

Leningrad / St.Petersburg State University, mathematical department;
M.S. in Mathematics/Computer Science

Also in accounting:

Accounting & Credit College at the Central Bank of Russia (St.Petersburg, Russia)
Bellevue Community College (Bellevue, WA)

Languages

English, Russian

Professional associations

Member of AMS (American Mathematical Society) since 1996
Member of SWE (Society of Women Engineers) since 2004

March 12th, 2008