

PROFESSIONAL SUMMARY:

- Extensive experience in software product development, client-server applications development, Business Intelligence and IT consulting
- Electric and Mechanic engineering background, training and consulting
- Great training experience. About 3000 people trained in IT & engineering
- Used true Agile environment. Version One (Digital.ai), Kanban, Jira
- Used variety of Delphi versions, from Delphi 1-7, XEs to Delphi 11.x + additional components FireDAC, DOA, JEDI, MS Visual Studio. Oracle, MS SQL Server, PostgreSQL, MongoDB
- Experience in application upgrades from Delphi 5 – 7 to Delphi 11.x
- JSON and REST Web API interface implemented for payment gateway using Delphi 10.2
- Gained experience with .NET 2013, Firebird + FlameRobin, Oracle + SQL Developer, XML, Team Foundation Server, Active Directory, SVN, Git Hub and BitBucket
- Used algorithms AES-128, 192, 256, SHA-1, MD5, developed AES own solution with random initialize vector
- Offshore and onshore Team Lead, security analyst, client-server and web application development, security analyst (web applications, MS SQL, MySQL, C#, Delphi, Visual Basic, Visual Basic.NET)
- Analyzed existing functionality and security. Improved security according with corporate requirements
- Provide top quality software solutions using latest technologies and innovations for dynamic businesses through all stages of software development life cycle (SDLC). Facing business clients, requirements analysis, technical architecture and design, managing teams, control implementation, deployment, production support, optimizations and troubleshooting as a Senior Consultant: Developer, Software Engineer, Solutions Architect, Team Lead and Security Analyst

SKILLS:

- Expertise with Delphi & Object Pascal (versions 1-7, 2007-2010, XE-11.3).
- Profound understanding of computer hardware, networks and network protocols
- Operation systems: Windows NT/9x/2000/XP/Vista/7/8/10
- MS Office Pro, MS Visio, MS Outlook, MS Project 2010. MindManager, AllFusion Data Modeller, Sparx
- Perfect skills of MS Team Foundation Server, SVN, GitHub, BitBucket
- Experience with tools: Jira, Version One (Digital.ai), Kanban
- Strong knowledge of client-server technology. Databases: MS SQL Server, MySQL, Oracle, Firebird, MongoDB
- Working knowledge of C, C#, Python, Visual Basic, Java, LISP, PHP, HTML, CSS, JavaScript
- Strong Math and Physics skills. MathCAD & MathLab, Advanced in Excel. Photoshop and Corel Draw! Strong knowledge of AutoCAD, Inventor, CAD-management

PROFESSIONAL EXPERIENCE:

Towne Body Shop, Inc.

Apr 2024 – Present

Director of IT

Team Lead / Software Developer / IT Security Officer

Oct 2022 – Apr 2024

- Win32/x64 software development of desktop and web applications
- Team Lead / Management of remote groups
- Remote consulting and technical support
- Network administrator, software and hardware
- IT security management entire company

Delta Dental of Michigan (Dewpoint)

Nov 2020 – Nov 2022

Underwriting Feature Team Developer

- Software development and improvement of underwriting projects written in C# and Delphi
- Participating in Minor Releases, Major Releases and Releases on demand. Jenkins software
- Used true Agile environment. Version One (Digital.ai)
- Created new utilities to work with databases. Found and fixed database issues
- Used Delphi 10.1 + additional components, MS Visual Studio .NET, C#. MS SQL Server, Oracle.
- Cooperation with Java applications
- JSON and Soap Web API interfaces improvements
- Used Git Hub and BitBucket repository solution

SHIFT4 Corporation**Apr 2018 – Sep 2020****System Developer / Team Lead**

- Offshore Team Lead, analyst and software developer of real time systems
- Used Delphi 10.2 + additional components. MS SQL Server, PostgreSQL, MongoDB
- Completed upgrade from Delphi 5 to Delphi 10
- Point of sale developed with extended functionality
- JSON and REST Web API interface implemented for payment gateway using Delphi 10.2
- Software development and improvement, communication with Global Payment, Moneris, TSYS, FirstData Rapid Connect
- Solution development for the chain from customer to processors using different set of terminals (Ingenico, Verifone)
- Special token solution created using MongoDB for payment systems
- Created and implemented own processor application - transaction approval with external payment system

CVS (Tata Consulting Services)**Apr 2016 – Apr 2018****Delphi Developer / Team Lead / Security Analyst**

- Offshore and onshore Team Lead, security analyst and software developer
- Production support management including BMC Control-M
- Added special functionality according with BA requirements
- Analyzed existing functionality and security. Improved security according with corporate requirements
- Completed security remediation: Common Weakness Enumeration analysis and code review done, cryptographic algorithms reviewed and implemented, Active Directory Authentication, sFTP over SSH implemented
- Completed migration from Omnicare to CVS environment
- Completed upgrade from Firebird 2.x to Firebird 3.x, also upgrade from Delphi XE2 to Delphi 10.1
- Used Delphi 10.1, XE. VCL + additional components (FireDAC, DOA, JEDI), MS Visual Studio
- Gained experience with .NET 2013, Firebird + FlameRobin, Oracle + SQL Developer, XML, Team Foundation Server, Active Directory
- Used algorithms AES-128, 192, 256, SHA-1, MD5, developed AES own solution with random Initialization Vector
- Completed upgrading remote complex solution from Firebird 2.5 to Firebird 3 for client application
- Developed SQL scripts for Firebird and PL/SQL scripts for Oracle

National Technical University**June 2010 – Nov 2015****Senior Lecturer and Assistant Professor / International Institute of Distance Education, Department of Information Systems and Technologies**

- Team Lead, client-server and web application development (Delphi, MS SQL, MySQL, C#)
- Developed and implemented special course, including Delphi / MS SQL / COM / C# application development, 2D & 3D graphics
- Supervisor of IT Master's theses and IT diploma's projects, design rule check
- Developed and implemented different courses in Computer Science such as Information and Computer Technologies (MS Access), Algorithmic Software (Delphi), Methods and Algorithms of Computer Graphics, Software Technologies
- Managed IT department general curricula
- Developed, implemented and supported student web resources

National Technical University**Feb 2004 – June 2010****Lecturer and Assistant Professor / Department of Information Technologies & Robotics**

- Team Lead, client-server and web application development (Delphi, MS SQL, Access)
- Developed and implemented different courses in Computer Science such as Databases, Knowledge Bases and Expert Systems (MS SQL), Algorithmic Software (Delphi), Computer Graphics
- Developed special course for students. It included half-year AutoCAD training for users and half-year AutoCAD training for developers (Delphi / MS SQL)
- Participated in specialized conferences in different countries
- Supervisor of IT diploma's projects (client-server technologies, databases)
- Prepared students for International and ACM world programming contests

EDUCATION:

National Technical University

- Master's Degree – Software Engineering (2007), Honors Degree
- Three years Postgraduates courses (2002), PhD topic: Increasing braking efficiency of trolleybus during working and electric braking with anti-lock braking system (ABS), Author of 6 patents and more than 50 articles
- Master's Degree – Electrical and Mechanical Engineering (1999), Urban electric transport, Honors Degree

CERTIFICATIONS:

- CompTIA ITF+, 2024
- ECDL (European Computer Driving License) # LT 0000014, renewed in 2015
- Autodesk Authorized Developer, member of Autodesk Developer Network since 2011
- Autodesk Instructor: ID 44064 since 2009 (Inventor, AutoCAD, AutoCAD LT)
- Michael Gott International Conversational English School
- Certificates of participation in International and ACM world programming contest