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SUMMARY

An experienced **team lead** and **architect** with strong system software background. 15 years in developing software for a variety of applications and platforms, including telecommunication, commercial, and manufacturing projects. My core expertise is designing and implementing **complex distributed systems**. I like challenge and I can deliver complex products with high quality and on time.

EDUCATION

1995 **Diploma with honours** from St. Petersburg State University, Russia. Computer Science and Mathematics.

Graduate work: object oriented extensions to Algol 68.

1990 Graduated from St. Petersburg's high school for students with extraordinary abilities.

COMPUTER SKILLS

Operating Systems: UNIX (Sun Solaris, Linux), Windows

Languages/Tools:

Java, C#, C++, also Perl, C, UML, TCP/IP, CORBA-2.X (VisiBroker by Visigenic), XML/XSLT, HTML, WML, J2EE, JSP, SQL, Rational Rose, TogetherJ, MS Project, CVS, SourceSafe, Sniff, Bugzilla, Apache, OpenLDAP.

WORK HISTORY

MDL, CA, 2002-2007, Advisory Software Engineer, Architecture Board Member

I organized development environment in my team to guarantee high quality of our product and make a developer's personal responsibility to submit well tested code, while promoting a spirit of innovation. Continuous integration and testing servers were running to detect bad changes as soon as possible. Different reports of activities and test code coverages were generated to assess the state of different components. As a result, we never gave our QA a broken build and were able to quickly accommodate changes in requirements and solve support issues from other projects. Later the same procedures were used in other projects in my office and also in the offshore office in Saint Petersburg, Russia.

As a part of Core Team my responsibility was developing and maintaining middle tier components including core services, session management, load balancing, and crash recovery. I also did porting and build support of our software on Solaris and Linux. During my work at MDL, I performed many code reviews and bug hunts. I also was often called to investigate and fix performance and memory problems in different components. In addition to that last two years I was working on our client integration with Microsoft Excel.

Inventigo, CA, 2001 to 2002, Project Lead

Inventigo goal is to transfer/license proprietary innovative, patented or patent pending software to our customers. My task was managing a team of programmers in America and Russia. I was responsible for project planning, tracking, and implementation activities.

Inventigo offers consulting services to its customers. On a contract with uGuard Corporation (www.uguard.com) we developed a product competing with Microsoft Passport. I led a team of seven people. I was responsible for the technical architecture and delivery of the product.

CITech, CA, 2001, IT Development Manager

CITech is a New York based company. It offers consulting services to financial institutions. My primary job was managing development of internal web-based applications (web portal, project repository, etc.). I was managing several Linux servers with Bugzilla, Apache, MySQL, and others installed. I also co-authored our OCL 2.0 and UML 2.0 (<http://www.omg.org/docs/ad/01-08-28.doc>) submissions to OMG.

724 Solutions, CA, 2000 to 2001, Software Architect

724 Solutions is a wireless financial solution provider. 724 acquired Concorde Solutions in 2000 because of our expertise in legacy back office integration. I joined a team developing TestBank product – 724 test and demo project. I was assigned to design and implement database management and seeding utilities *{MS SQL, Concorde Solutions proprietary script, Perl}*. I also participated in developing TestBank web interface. After RogueWave drastically increased their software license price I created our own portable thread library and replaced the entire RogueWave's suite with it *{C++, VC++, Sun CC, Windows thread, pthreads, Solaris threads}*.

At 724 we started a Java version of our back office integration product *{Java, Concorde Solutions script into bytecode compiling, script debug GUI, CORBA, etc.}*. I was part of architecture committee lead developer of this project.

In 724 Solutions, I was working as a lead of Concord Advanced Technology Centre group. My task was to manage a group of several programmers. We have developed prototypes and demos of wireless applications. The last project I worked on was RemoteValet – personal wireless getaway to applications and services hosted on customers computers. As a chief architect and a technical product manager, I was responsible for planning, managing design meetings and managing development process (build, repository, etc.). Fortunately, I still had time for intensive programming. In accordance with market positioning of RemoteValet we could not use any commercial frameworks and libraries, so we chose Apache's environment. *(Java, Tomcat, XML/XSLT, WML, JNI, SQL, DCOM)*. I am also a co-author of RemoteValet related patent.

Concorde Solutions, CA, 1999 to 2000, R&D Software Engineer/Architect

Concorde Solutions built a Data Object Manager product line for integrating modern applications with legacy systems. Based on Data Object Manager, Concorde Solutions has developed several mission critical applications for BofA. Bank of America acquired Concorde Solutions in 1998 and it became a subsidiary of the bank. After I joined Concorde Solutions, I worked on different R&D projects related to distributed architecture developed in the company. The first project was Portable Component Adapter (PCA) {DCOM, VisiBroker, C++, C++Builder4, VC6} – RPC technology (DCOM/CORBA) independent component infrastructure. The PCA technology allows writing components without worrying about what technology it will be deployed in. At the time Concorde Solutions was using DSOM, CORBA and DCOM simultaneously our customers' requirements.

Typhoon Software, Russia, 1995 to 1998, Sr. Software Engineer

Typhoon Software is an outsourcing consulting company. My first project was developing Winsock library for Windows 3.1 {Borland C++, TCP/IP}. When the project was successfully completed, I was assigned to a Macintosh software development group. My first task there was to design and implement specialised graphic editor that contained filters and some specific algorithms that worked with regions of very big pictures {Metrowerks C++}. It was a challenge. To make the product efficient I designed highly optimised memory management library. In that project, I also designed and implemented several very complex algorithms to satisfy our customers' requirements. The next project was much easier – I and another developer ported DOS base student testing application to Macintosh {ThinkC++, C-Tree}. I also participated in developing Typhoon's web site.

Working for Concorde Solutions in Russia I designed and implemented a R&D project – Java front-end for Bank of America's credit card online {Java, Applets, CORBA}. I also developed highly optimising script engine for Concorde Solutions's Vista project {VC++, Sun CC}. I am happy to say that it is still used at Bank of America and it satisfies all projects requirements.

Terkom, Russia, 1993 to 1995, Software Engineer

Design and implementation digital phone station operator workstations.

LAK, Russia, 1992 to 1993, Software Engineer

Accounting, warehouse, human resources, management workstations.

PATENTS/PUBLICATIONS

The Method and Apparatus of Portable Component Architecture.

The Method and Apparatus of Integrated Interactions.

OCL 2.0 and UML 2.0 (<http://www.omg.org/docs/ad/01-08-28.doc>)

References available upon request.