

CURRICULUM VITAE

Yury Trofimov

+49 (0) 176 27154476

job@trofimov.it

www.trofimov.it



Passionate C++ Software developer!



I am a certified Software Engineer, with a Master's degree in Computer Science. My work experience is more than 25 years on different levels and positions in software development, system and support engineering.

My main area of activities lies in the field of distributed systems architecture, development of various Client/Server Applications, OOP, Server-side programming as well as Software and System Engineering, project management and team leading.

Higher Education

2003 – 2004	St.Petersburg State Polytechnical University, <i>Master of Computer Science (M.Sc.)</i>
1989 – 1995	St.Petersburg State Polytechnical University, <i>Diploma in Software Engineering</i>
2009 – 2011	University of Wales, Robert Kennedy College <i>MBA courses</i>

School education

1987 – 1989	Lyceum № 239 specialized in Mathematics and Informatics, St.Petersburg, Russia
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Languages

09/2013 – 01/2014	Institut für Internationale Kommunikation (IIK) e.V. Intensive German course, Dusseldorf, Germany <i>Level 9, C1.1</i>
11/2003 – 05/2004	Volkshochschule, Landkreis Hof, Intensive German course, Hof, Germany <i>Zertifikat Deutsch B1 (Note 1)</i> <i>(№ 61043010261500455)</i>
09/1997 – 06/1998	State Courses of Foreign Languages № 1, English Department, Evening classes, St.-Petersburg, Russia <i>Certificate</i>

Work Experience	
03/2020 – present private projects online; Dusseldorf, Germany	<ul style="list-style-type: none"> • Design and implementation of IoT software/hardware solutions for Smart Home on the base of single board computer and industrial sensors.
11/2019 – 02/2020 Excellence AG Dusseldorf, Germany www.excellence.ag	Senior Software Developer <ul style="list-style-type: none"> • Software porting from Visual Basic to C++ • Python tools development • Preparation of documentation
06/2015 – 08/2019 BTC AG / PSI Software AG Berlin, Germany www.btc-ag.com www.psi.de	Senior Software Developer <ul style="list-style-type: none"> • C++ (11/14), Java/Xtend and batch script development • Analysis and fixing of complex errors in the product • Preparation of documentation and specifications
11/2010 – 09/2013 RWE IT GmbH Essen, Germany www.rwe.com	Software Consultant <ul style="list-style-type: none"> • Software architecture • C++/VB/SQL and PL/SQL development • DB schema design
02/2006 – 09/2009 Vodafone Group Dusseldorf, Germany www.vodafone.com	IT Consultant <ul style="list-style-type: none"> • Deployment, maintenance and operations activities • Software development and support (Java/bash/SQL) • System integration • Business engineering • Troubleshooting • Preparation of documentation, specifications and technology presentations
11/2004 – 08/2005 Ricoh Europe B.V. European Development and Solution Center Dusseldorf, Germany www.ricoh-europe.com	Software Engineer <ul style="list-style-type: none"> • C++/Java/J2EE/Embedded Java development • Preparation of documentation and specifications
06/2001 – 10/2003 best solutions AG, St.-Petersburg Branch (Headquarters in Cologne, Germany) www.bestsolutions.ag	OPC Team Leader / Senior Developer <ul style="list-style-type: none"> • Development activity management • Software analysis and design • Software development C/C++, C#, VB • Technical consulting • Preparation of documentation and specifications
01/2002 - 12/2002	IT Manager

<p>Consulting employment agency Your Personnel JSC, St.-Petersburg, Russia</p> <p><i>Part time work</i></p> <p>www.personnel.zk.ru</p>	<ul style="list-style-type: none"> • Interviews • Personnel recruitment • Website support
<p>09/1999 - 05/2001</p> <p>Loval JSC, St.-Petersburg, Russia</p>	<p>Software Engineer, Client/Server specialist</p> <ul style="list-style-type: none"> • Software analysis and design • Software development C/C++, COM/Corba • Preparation of documentation and specifications
<p>03/1999 - 09/1999</p> <p>Star JSC, St.-Petersburg, Russia</p> <p>www.star.spb.ru</p>	<p>Software Engineer</p> <ul style="list-style-type: none"> • Linguistic software development (C/C++) • Client software development (C/C++/VB) • Design of database (MS Access, SQL) • Preparation of documentation and specifications
<p>12/1996 - 02/1999</p> <p>Sergey Vikhrov private enterprise, St.-Petersburg, Russia</p>	<p>Software Engineer</p> <ul style="list-style-type: none"> • Analytical software development for financial market (C/C++) • Preparation of documentation and specifications
<p>08/1994 - 11/1996</p> <p>Yurmiko Ltd., St.-Petersburg, Russia</p>	<p>CEO, Co-Founder</p> <ul style="list-style-type: none"> • Hard- and software client service • Computer maintenance • Computer users training
<p>10/1993 - 07/1994</p> <p>Scientific Research Institute of Fire-proof materials, St.-Petersburg, Russia</p> <p><i>Part time work</i></p>	<p>Programmer</p> <ul style="list-style-type: none"> • Payroll system development
<p>09/1993 - 07/1994</p> <p>Laboratory of Information and Measuring Systems, St.-Petersburg State Polytechnical University, St.-Petersburg, Russia</p>	<p>Intern</p> <ul style="list-style-type: none"> • Development of educational system for statistical distribution

Technical Skills

Programming and description languages

C/C++, Java, Shell scripts, SQL (PL/SQL), C#, Visual Basic, Python, Perl, Xtend, FORTRAN, Pascal, Prolog, Assembler x86
XML and related technologies (XSLT, DTD etc.), HTML, UML, YAML, JSON

Tools

MS Visual Studio 2019, 2017, 2015, 2013, 2012, 2010, 2003, .NET 2002, 6, 5,
MS Visual Studio Code,
Borland C++, Borland C++ Builder,
Eclipse, IntelliJ IDEA, Borland JBuilder,
Arduino,
InstallShield, Apache Ant,
MS Visio, Rational Rose 2000, Erwin,
MS Project,
Rational Purify, Rational Quantity, NuMega BoundsChecker 6

Libraries and Technologies

STL, MFC, Boost, ATL, OWL,
OPC (OLE For Process Control)
RSA BSAFE Cert-C, RSA BSAFE Crypto-C, VSFlexGrid
COM/DCOM/COM+, CORBA (VisiBroker 3, 4)
JDK, J2EE, DSDK Type II, Xtext
Microsoft Windows CE Toolkit for Visual C++ 6.0, Microsoft Windows CE Platform Builder
Win32 API, 10/7/2012/2003/XP/2000/NT Server-Side Programming (Multithreading, Services, Security)

Application and Webservers

Home Assistant, JBoss, Bea WebLogic, Apache HTTP Server, Tomcat

Databases

Oracle, MS SQL Server, MS Access, Firebird, Clipper
SQL, PL/SQL, ODBC, OLE DB, ADO

Source Management Systems

Git, Subversion (SVN), CVS, PVCS – Serena Version Manage, MS Visual Source Safe

Trouble Ticketing Systems

Jira, BMC Remedy 7 ARS, TTS

Methodologies

Agile, Scrum, Waterfall

Documenting Systems

Doxigen, Doc-To-Help 3.0, 6.0

Operating systems

Windows 10/7/2012/NT/2000/XP/2003/Vista/7, Windows 9x, Windows 3.x, Windows CE, MS-DOS, Sun Solaris 5.10, Unix/Linux, Raspbian, Armbian