

IT Profil

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PERSONAL DATA

Name: Jens Schneeweiss
Date of birth: 1972

Education: Dipl. Ing. Electrical engineering FH
Foreign Languages: English
Place of residence: Herten, near Essen





Mister Schneeweiss is a very experienced software developer, system architect and team organizer. He has a very good knowledge in the programming languages C++, C++/CLI and C#.

Mister Schneeweiss has the MCSD C#, MCSD C++, .NET 3.5/4.0 WCF and WPF - Certification.

Based on his experience, Mister Schneeweiss is working in the development and testing of systems.

IT skills

Functions: Software developer, system architect, team leader, organizer, coach
Technical priorities: System programming Windows, -Embedded, -CE,
Operating systems: Windows -XP, -Server 2000 -2008, DOS, Linux
Database systems: SQL Server 2000, -2003, -2008 r2, 7.0, Oracle, Ingres, My SQL, ADO, SQL-CE
Computer languages: C++, C, C#, Assembler, Visual Basic, SQL, XML
Methods: Extreme-Programming, test driven Development, UML, OOD, NUnit-testing
Tools/Frameworks: .NET, WPF, WCF, MFC, COM / ATL, STL

Certificate:  MCSD C++ 6.0, MCSD .NET 2.0,
 MCDBA, MCTS CE 6.0

Standard software: MS Project, MS Office (Visio, Access, Word, Excel, PowerPoint)
Personal qualities: Flexibility of working time, teamworker, teamleading, project coordination, QS-processes, presentation ability, travel readiness, interest in regional operations in the Ruhr area. project, personal and economically responsibility

Branches

Authorities, local governments, civil service,
mechanical engineering, process automation, commercial
processes
Measuring technology, automatic control engineering
Goods economy, media broadcasting

REFERENCES TO QUALIFICATIONS

Schneeweiss: <http://www.schneeweiss.de/Zertifikate.aspx>

Microsoft: <https://mcp.microsoft.com/authenticate/validate/mcp.aspx> Transcript ID (742992)

Access Code (jschneeweiss)

BeraterNet: <http://beraternet.org/prod/?p=1037&bnsinglecat=3>

Gulp: <http://www.gulp.de/profil/schneeweiss.html>

PROJECTS 2011 – 2007

**C++, C#, Java, MFC,
.NET 4.0, SQL, MS
Batch-Skript**

ThyssenKrupp AG
Duisburg

2011, 8 months

2010, 2 months

Program developing on a Level 2-process control for a rolling mill

Enlargement (Extension) of the visualisation/ Human-Machine-Interface, the client server modules, the process framework for C ++/ Java/ Oracle data base (StoredProcedures) in 3-layers of architecture, redundant process control, Oracle dataguard and redundant visualisation layer.

- C ++, MFC, advancement of a complicated tool to the automatic construction of Matlab-data files from parts of the process information about object-relational mapping from the Oracle data base SQL.
- C ++, MFC, process/ service for the automated construction of evaluation data in the Matlab format.
- C ++ / CLI.NET, process/service, development of a service for automating of data files from measuring points and in IMS / MEVInet-Q measuring system format.
- C #.NET, programming of console applications to filter dates from big text log files, to evaluate and to indicate statistics.
- MS Batch Script, production of a Batch script for the realization of an IP cluster. Remote WMI control with redundant address change-over / Failover IP for 4 HP-DL380 server and farther administration with Batch scripts.
- Administration of the Buildsystem for the Human-Machine-Interface (HMI) - Graphical User Interface (GUI) and administration of approximately 20 Windows Servers 2008 HP server.
- Java, enlargement and bug fixing of complicated Java HMI client of system. Use of the MVM-Pattern and the Object-relational-mapping architecture.

C++, Java und C#, C++/Java -Object-relational-mapper, Oracle 11g, SQL Developer, IIS, WPF-GUI interop, .NET. Console C++/CLI -Application, MFC, C# .NET, Java, Eclipse IDE 1.2.0, Oracle, SQL-Developer, CA ERwin Data Modeler, SVN (Subversion), VSS(Visual Source Save), (in a team of approx. 8 software developers with SVN for Java and VSS for C ++).

**.NET 2.0, C#,
VBScript, WinCC
Visual Studio 2010,
AddIn**

ANDRITZ AG
Hagen

2010, 1 month

Programming of WinCC.NET Controls (AddIn) for a level 2 process control of rolling mills

Development of .NET tax elements (Controls) for skid-place, master data, entry section, DataGridView and data bank accesses, Drag and drop about touchscreen, ELO (APR).

Im- and export of SQL dates from the level 3 in the level 1 WinCC system by VB-Script.

System integration for Acronis Advanced Server on Buffalo NAS and Symatec Endpoint Protection.

SQL Server in 2005/2008, Oracle 11 g, Toad, SQL Developer, WinCC 7.2 SP2 on server in 2008 32 bits with Redundancy packages, SQL Server 2008 Redundant, OPC.

**C#, .NET 4.0, WCF,
WPF, SQL, Visual
Studio 2010,
Reporting, SSRS,
SQL Server 2008r2**

Jenoptik AG,
Düsseldorf

2010, 3 months

Development of an administration tool and administrative tool, for services and for workflow based procedures in a dynamic surface WPF

Development of a frame application and three AddIns for supervising of the system distributed about several services. Queries about Windows Management Instrumentation with QueryStrings to the inquiry of server and status and parameters. Monitoring and presentation of the data base memory capacity and distribution about Stored Procedure belonging to system. Query-Graphical User Interface (GUI) for the technical, historical, logging information of the overall system.

.NET 4.0, WPF (Windows presentation foundation), WCF/REST, WF, LINQ, programming and software part concept (in the team of 8 software developers with SVN).

Development of the Printing component of a workflow-based similar callcenter application

SQL Server 2008 reporting service, report Viewer, local rendering and connection with the report server about ReportViewer-Tax element. For the automatic production of PDFs with partially Arabian texts. Development of a test client.

.NET 4.0, WCF, REST, server SQL server reporting services (SSRS), ReportViewer, programming and software part concept (in the team of 8 software developers with SVN).

**C#, .NET 3.5, WPF,
Visual Studio 2008**

Solar Millennium AG
Essen

2010, 4 months
2009, 1 month

Development of the Windows application to the calculation of the masses and energy balance of a complicated combustion process with a scaleable process representation in WPF.

Derivation of the functionality of an Excel VBA application. Windows Forms application with 10 Tabs, several grids and binding to a scaleable process representation with calculation parameters.

Team coordination (2 software developers with Visual SourceSafe).

C #, NET 3.5, WPF (Windows presentation foundation), Excel, VBA.

**C#, ASP.NET 3.5,
SQL Server 2003,
Stored Procedures**

Herten

2009, 7 months

Development of an alarm system for local authority districts (communes), for Linguistic, fax, and the mass dispatch of SMS (Short messages service) messages

System construction with several services for the processing of messages of the process computer and the processing of webrequests of leading states.

Team coordination (3 software developers, Visual SourceSafe) and programming.

C #, ASP.NET 3.5, server SQL in 2005, Stored Procedures, T-SQL.

**C++/CLI/C# .NET 3.5,
WCF,
Visual Studio 2008**

RW TÜV,
Essen

2008, 2 months
2009, 4 months

Operating surface with client / server interface to several tools

Remote communication of a .NET application by .NET 3.5 client/ server WCF connection with a C ++ application (several control calculators). Development of special tax elements for Windows Forms GUI. Production of test applications for automated tests of the client server communication.

C ++, C ++ / CLI, C #.NET 3.5, WCF (Windows Communication foundation), Windows Forms.

Interface to the server system of a federal authority.

Production of an Interface-DLL in C ++ for parallel access of several concurrent HTTP- inquiries on a server with existing Java-Servlets by HTTP-Requests. Transmission and parsing of XML telegrammes. Synchronisation of the parallel queries and concurrent. Multithread consistency of the whole module. Development of a server simulator as a test system.

C, C ++, MFC, Visual studio in 2008, cURL/libcurl, different HTTP and network traffic Debugging tools.

ASP.NET 3.5, SQL Server 2003, Stored Procedures

EON AG
Düsseldorf

2008, 4 months

Development of a web-based tool into the enterprise boarder organization of events and demands for electronical data processing equipment

By order of a project management company for an energy group. Import from Excel, Reporting with SQL server; Reporting services Team coordination (4 programmers) and programming,

ASP.NET 3.5, server SQL in 2005, Stored Procedures, T-SQL, Infragistics.

C#, C, .NET 3.5, Visual Studio 2005/2008, Drivers

Carl Zeiss AG
Stuttgart

2008, 8 months

Development of an interface simulator for an individual serial full-duplex telegram, with Logging and expiry simulation for interfaces-prototype development and module tests

For a leading supplier of optoelectrical products Windows Forms application with 3 Tabs, several also individual tax elements, etc.

Software fine concept, team coordination (high-class responsibility for the works of 2 software developers), programming.

C #.NET 2.0, 3.5, Visual studio in 2008, Multithreading.

Production of an interface concept for the connection of an optronical system to the central electronics of a military vehicle

For a supplier of optoelectrical products by order of an European manufacturer for armored bicycle vehicles and track-laying vehicles. Concept production, prototype development, hardware qualification.

C, C #.NET 3.5, RS422, serial interface driver (Development and team coordination).

C++, MFC

Köln, Broadcast and production Company of one of the biggest private transmitters

2007, 6 Monate

1. UDT/UDP Data transport implementing for the Video-CMS (4 months)

Development of the individual data transfer library for big distances and high (bad) response times (satellite-data connection, New York, Berlin, Cologne, outside broadcast vehicle), high data transfer speeds 100 MBit / per second

and big files > 4 GB over the WAN IP net, use of the UDT library.

Test of the data transport UDP over the WAN-IP net, with special test client, integration in the suitable modules of the video Content management of system.

Production of client and server libraries for the adaptable application(employment) in different areas, implementing of robust Multithreading for the continuous monitoring of the data transfer status. Test of the system: locally, in the test construction and under operating conditions.

C ++, MFC, Visual studio in 2005, UDP-based Data transfer bibliotheca, Sybase, Access, Aqua Data studio 4.7, TCP/IP, UDP/IP, UDT v3.3

socket programming, network programming, Debugging, systematic problem analysis / Debugging in complicated surroundings(areas) processes(trials) / Thread (Multi-Threads).

2. Soap technology Toolkit qualification (0.5 months)

To bind the videocut by Final cut on Apple Macintosh to the VPMS (video production management system), there must be attach a web service interface on the central data bank-data access layer (C ++ COM DLL) to touch down.

Different Soap Toolkits were checked for usability, web service client on Macintosh and web service server on Windows PC.

C ++, C #.NET 2.0, Visual studio in 2005, SOAP, gSoap, cSoap, Axis C ++.

3. Enlargement of the user authentication of the VPMS (a month and a half)

Continue of an already begun working package to allow the automated legal assignment for Activ Directory prove to a quality users. Optimisation of the program, removal of mistakes, Code-Review, Refactorisation and test of the different modes in the essential programmes.

C ++, MFC, Visual studio in 2005, SQL, systematic problem analysis / Debugging in complicated surroundings(areas).

**C#, .NET 2.0,
Visual Studio 2005**

Production of a client server system for the automated assessment of danger materials about an Excel Add in

SGS Fresenius AG
Herten

2007, 4 months

Material lists by evaluations of an spectrometer are balanced with lists of the professional association for about 50,000 substances. Development of a tool for the inquiry of the dates from the data base of the website as well as from the PDF files. From several jobs the work about Excel on the data base is possible. (Development and team coordination)

C #.NET 2.0, Excel Add-In, Primary Interop Assemblies (PIA), server SQL in 2005.

PROJECTS 2006 – 2003

C++, MFC, Visual Studio 2003

(Facility Manag. AG)
Frankfurt, Freiburg

2006, 2 months

CAD-Viewer for *.dgn data (Bentley) for the Facility Management System.

Development of the CAD-Viewer module with bidirectional communication between the Facility management system and the Bentley Microstation CAD data base of the biggest German airport.
Use of the DGNdirect Toolkit for accesses and treatment of the CAD data.
Zoom, choice, mark, inscription functions.
Programming of the functional pattern, cooperation in the concept.

MFC, COM, STL, Visual studio 6.0, Visual studio in 2003, DGNdirect.

C++, C#, .NET Compact Framework 2.0

Köln, Herten

2006, 6 months

Configuration and diagnosis tool for the CE.NET based industry pocket PCs, to the measurement of pump dates

Windows CE tax- and operating device with Bluetooth gateway.
Representation of the gas measuring technologies in a Chart under Windows CE. Development of the software for a functional pattern of the operating device.

.NET Compact Framework 2.0, Pocket PC in 2003 / CE5.0, Visual studio in 2005

UML, programming functional pattern, team coordination, concept

C++, C#, .NET Compact Framework

Essen, Herten

2006, 3 months

Sensors interface (class library) for CE.NET based hardware, to the communication with warm amount sensors about serial interface protocol

The development of the stream device which allow proprietary protocols and transference rates.
Wrapper class as an API in .NET Compact Framework is integrated and is used in .NET Compact Framework application.
Monitoring interface to the debug of the interface communication.

.NET Compact Framework, Pocket PC 2003, Embedded Visual C ++ 4.0, Visual studio 2003, Visual studio 2005

UML, team coordination, concept, programming functional pattern.

C++, C#, .NET Compact Framework

Herten

2005, 2006, 4 months

Machine servicing and investment servicing, for an rubbish transfer station

Intelligent, mobile Industry-PocketPC software system of the support and documentation of the servicing works for technical equipment. Across WLAN these units are connected with SQL CE with the central server SQL.

.NET Compact Framework, Pocket PC 2003, SQL CE, Embedded Visual C ++ 4.0, Visual studio 2003, Visual studio 2005

UML, client server, Multithreading, WLAN, team coordination, concept.

<p>C#, ASP.NET</p> <p>2004-2005, 5 months</p>	<p><u>Web application for the process visualization- and leading system of communal information- and control systems</u></p> <p>Cooperation in process maintenance- and personnel planning system on the basis of ASP.NET Internet technology.</p> <p>ASP. NET, C #, server SQL 2000, COM/DCOM, Stored Procedures, SQL, ADO.NET UML, Visual studio 2003.</p>
<p>C++ Builder 5.0</p> <p>Wuppertal</p> <p>2004, 6 months</p>	<p><u>Enlargement of process control software around a farther industrial coach interface (CAN-Open) to the leading state.</u></p> <p>Programming, Multithreading, UML documentation</p> <p>C ++ boron country of Builder.</p>
<p>C++, C#, .NET Compact Framework</p> <p>Bochum, Herten</p> <p>2003, 2004, 8 months</p>	<p><u>Measuring software for evaluating of laser sensors on mobile hardware</u></p> <p>Compiling production of the functional pattern of the measuring technology application around rotary parts to each other.</p> <p>Compact Framework, Pocket PC 2003, CE SQL, Embedded Visual C ++ 4.0, Visual studio 2003, Prototype development, team coordination, UML, Platform Invoke, Multithreading.</p>
<p>C#, .NET Visual Basic Script</p> <p>Gelsenkirchen</p> <p>2004, 4 months</p>	<p><u>Valuation of danger materials.</u></p> <p>Excel, Office Professional, production of Visual BASIC macros for the linking of table values with data base data.</p> <p>Team management, concept.</p>
<p>C#, .NET 1.1, Visual Studio 2003</p> <p>Herten</p> <p>2003, 1 months</p>	<p><u>Import and export tool to goods economy OMS HCT</u></p> <p>C#, ADO, .NET 1.1, Visual Studio, My SQL, SQL</p> <p>Requirement analysis and programming.</p>
<p>C#, .NET 1.1, Visual Studio 2003</p> <p>Recklinghausen</p> <p>2003, 4 months</p>	<p><u>Development of client server interfaces of a SCORM correspondent learning machine, in 2003</u></p> <p>Remoting, UML, Visual Studio 2003, .NET 1.1.</p>

**C#, ASP.NET,
Visual Studio 2003**

Recklinghausen

2003, 2 months

Tenant's data system of office parks

Programming, Visual Studio 2003, SQL Server 2000, Direct X,
Multithreading, SQL, Remoting.

**C++, C#,
.NET Compact
Framework, Visual
Studio 2003**

Bochum

2002, 2003, 8 months

*Software interface to the data telegram exchange between sensors and
PDAs by Bluetooth*

C++, C#, Compact Framework, Pocket PC 2003/2002, Embedded Visual
C++ 4.0, Visual Studio 2003,
Teamleading, programming, UML, platform invoke, multithreading.

**C++,
Visual Studio 6.0**

Bocholt

2002, 3 months

Developing MMC Snap-In

COM, ATL, Visual Studio 6.0

Development of Snap-Ins for Microsoft Management Console to allow the
configurations in a logistic of information system pursued in parallel with
the data base.

PROJECTS 2002 – 1987

C, C++

Microcontroller based distant operating unity.

Recklinghausen

C, MSP430, IAR, Visual Studio.

2002, 2 months

C++, Borland,

Process computer-steered aerial care of pressure machines

Wuppertal

ATL, COM/DCOM, OPC, Multithreading, IDL, Windows 2000

1999-2002, 3 years

- Implementing of an OPC Server interface, COM/DCOM.
- Development of OPC Diagnosis Clients.
- Pick a quarrel to a remote control above the serial interface.
- Functional module and visualization module for the remote control.
- Binding of the control about ARCNET as an industrial coach near a leading state calculator.
- Programming of a leading state simulation program.
- Mistake analysis, removal of data transfer mistakes by means of special measuring technology.
- Development of a program module for the speech independence.
- Compiler development for the logical linking of digital signals.
- Market analysis and qualification of hardware and software modules.
- Documentation of the software and production of operating instructions.
- Production of configuration tools and GUI with C ++ and Visual BASIC 6.0.

C++

Advancement of a module to the pressure device configuration

Kiel

Visual Studio 5.0 + 6.0, PPD(Postscript Printer Description), XML

1998, 1999, 9 months

- Analysis and adaptation of undocumented Parser source code.
- Draught and implementing of the design oriented to object to the closing of user settings.
- Development and adaptation of surfaces.
- Cooperation with software testers to the mistake correction.

C++, Borland	<u>Process computer-steered aerial care of pressure machines</u>
Wuppertal	Windows 3.11, DOS
1997, 1997-1998, 8 months	<ul style="list-style-type: none"> • Organization of an object-based structure for process data. • Binding of a text data base. • Interface programming to analogous and digital maps. • Teamwork with a software engineer to the operating surfaces integration. • Creation of sequential functions dependent on time. • Extension of the program around a hierarchical initializing parser. • Development of the configuration generator. • Development of a sort of software SPS Module. • Creation of the core module for the exchange of process data.
C, Step 5	<u>Automation and switch arrangement technology</u>
Essen	Siemens SPS
1997, 6 months	
Turbo Pascal	<u>Protocol enlargement in a process leading system for the control of plastic moulding machines</u>
Bonn	Windows 3.11, DOS
1995, 3 months	<ul style="list-style-type: none"> • Protocol functionality. • DOS, Turbo Pascal, Administration duties. • Extends an editor for a special text format and remove mistakes. • Developing an batch-data for administration duties.
C, Assembler	<u>Development of multimedia demos, copy ability of programmes raise</u>
Recklinghausen	Commodore C64, Amiga, Windows 3.11, DOS
1986 – 1992, 6 years	

Microsoft Certified Professional Transcript

Latest Activity Recorded Jul 20, 2010

JENS SCHNEEWEISS

Microsoft Certification Status

<u>Certification</u>	<u>Version</u>	<u>Date Achieved</u>
Microsoft Certified Technology Specialist		Jul 20, 2010
	<i>Windows Embedded CE 6.0 Developer</i>	Jul 20, 2010
Microsoft Certified Application Developer		Aug 19, 2004
	<i>For Microsoft .NET</i>	Aug 19, 2004
Microsoft Certified Solution Developer		Apr 09, 2002
	<i>For Microsoft .NET Microsoft Visual Studio 6.0</i>	Aug 19, 2004
Microsoft Certified Database Administrator		Apr 09, 2002
	<i>Microsoft SQL Server 2000</i>	Apr 09, 2002
Microsoft Certified Systems Engineer		Jan 26, 2001
	<i>Microsoft Windows NT 4.0</i>	Jan 26, 2001
Microsoft Certified Professional		Aug 31, 2000

Microsoft Certification Exams Completed Successfully

<u>Exam ID</u>	<u>Description</u>	<u>Date Completed</u>
502	TS: Microsoft .NET Framework 3.5, Windows Presentation Foundation Application Development	Jan 03, 2011
571	TS: Microsoft Windows Embedded CE 6.0, Development	Jul 20, 2010
503	TS: Microsoft .NET Framework 3.5, Windows Communication Foundation Application Development	Jan 27, 2009
320	Developing XML Web Services and Server Components with Microsoft Visual C# .NET and the Microsoft .NET Framework	Aug 19, 2004
316	Developing and Implementing Windows®-based Applications with Microsoft® Visual C#™ .NET and Microsoft® Visual Studio® .NET	Jan 22, 2004
300	Analyzing Requirements and Defining Microsoft .NET Solution Architectures	Sep 09, 2003
315	Developing and Implementing Web Applications with Microsoft® Visual C#™ .NET and Microsoft® Visual Studio® .NET	Aug 14, 2003
270	Installing, Configuring, and Administering Microsoft® Windows® XP Professional	Aug 16, 2002
229	Designing and Implementing Databases with Microsoft® SQL Server™ 2000 Enterprise Edition	Apr 09, 2002
100	Analyzing Requirements and Defining Solution Architectures	Sep 10, 2001
015	Designing and Implementing Distributed Applications with Microsoft® Visual C++ 6.0	Aug 06, 2001
016	Designing and Implementing Desktop Applications with Microsoft® Visual C++ 6.0	Jul 02, 2001
081	Implementing and Supporting Microsoft® Exchange Server 5.5	Jan 26, 2001
028	Administering Microsoft® SQL Server 7.0	Jan 12, 2001
068	Implementing and Supporting NT™ Server 4.0 in the Enterprise	Sep 15, 2000
073	Implementing and Supporting NT™ 4.0 Workstation	Aug 31, 2000
067	Implementing and Supporting NT™ Server 4.0	Aug 31, 2000
058	Networking Essentials	Aug 11, 2000