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## EDUCATION

- 9/1993–07/1994 University of Applied Sciences Anhalt/ Köthen  
First Degree in Electrical Engineering (“Dipl.-Ing (FH) für Elektrotechnik/Studienrichtung Informationsverarbeitung”)  
Grade 2 (=“good”)  
Degree Dissertation:  
Direct Digital Control of the the heating/ cooling system of an office building (by order of Technotrend Systemtechnik GmbH/Technologiezentrum Erfurt)
- 09/1990–07/1993 Eisleben Technical College for Business and Engineering (“Fachschule für Wirtschaft und Technik”)  
Graduation as Engineer for industrial Electronics (“Ingenieur für industrielle Elektronik”)  
Grade 2 (=“good”)
- 09/1996–02/1989 Apprenticeship as electronic technician at VEB Plastmaschinenwerk Wiehe  
Grade 1 (=“very good”)

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## ADDITIONAL SKILLS

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### EMBEDDED SYSTEMS/ AUTOMOTIVE

- UML, SysML analysis and design with IBM Rhapsody, Enterprise Architect, Plugin Development for these Systems
- RTOS QNX, embedded Linux, RTXC, ThreadX, ETAS, seggerOS, OSEK/ AUTOSAR, bare metal
- Requirements DOORS
- Safety ISO26262 Architectural work and Implementation of safety measures
- C/C++ embedded C 5 years, embedded C++ 10 years experience  
Experience on C, AUTOSAR-BSW, MCAL as developer, integrator and Architect  
Experience in domain of Embedded C++, Embedded Linux,SomeIP and FrancaIDL as Architect  
Experience in Automotive Security Umfeld and Bluetooth LE  
Automotive Spice

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## PROGRAMMING LANGUAGES

C/ C++	expert knowledge, 15 years development experience developed with gcc. clang, Visual C++ 4.0 – 8.0 und gcc, Visual DSP, Greenhills Multi, Visual Studio, development for embedded and realtime systems
Java	expert knowledge, 4 years development experience used frameworks and development libraries: Swing, Tomcat, JSP, CORBA, Java Communications API
SQL	very good knowledge, 4 years development experience
shell	script programming UNIX-Shells (Bourne- , C-Shell) good knowledge
Perl	good knowledge
Python	good knowledge

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## DATABASES

Programming	ODBC- and JDBC-API, ADO
Reporting	Reporting and Report Distribution with Crystal Reports
Systems	MS-SQL-Server, Oracle, mysql, postgres - installation and administration

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## SYSTEM ADMINISTRATION

UNIX	LINUX, IRIX, OpenBSD
Windows	NT (3.51, 4.0), XP ... Win10
OSX	expert knowledge

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## OTHER

WEB	Rich Web Clients with AJAX (JavaScript, (X)HTML and CSS, cross browser programming) Java-Servlets, JSP generating PDF-Documents with pdflib XSLT-scripting and XSL:FO
Configuration and Build Management	Configuration management with cvs and svn (as admin), Development and maintenance of Makefiles and ant-buildfiles

Coaching/ Training Conception and realisation of trainings and workshops for  
Java developers for the EOS-project

Driving Licence (German) classes 1, 2, 3, 4 and 5

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#### LANGUAGE KNOWLEDGE

German native

English fluent(written and spoken)

Russian every day competence