* Support for S40, Symbian and Maemo developers, build managers and integrators
* Administrating 2 phone software build farms (RHEL 4 and HP-UX 11)
* Installation and support for many SW development tools; Programming local tools
* Participation in global Nokia projects like porting of Symbian build system to Linux
* Testing and maintenance of PVMgmake (clustered version of GNU make)
* Acting as Nokia-global owner for Java development tools, Wine and UltraEdit
* Installation of gcc as MinGW-crosscompiler for phone software emulation
* Participation in regular Nokia-wide “Global Tools Initiative” meetings and virtual teams
* Acting as a connecting link between local SW teams in Bochum and Nokia tool experts

Tools developer – *Nokia | Bochum | 2002 - 2008*

System administrator – *novero (an automotive company) | Bochum | 2008 - 2009*

* Administrating Active Directory, DNS, DHCP and NIS for 400 users
* Administrating Telelogic CM Synergy (Continuus), VMWare ESX
* Administrating HP Quality Center (Mercury) and Oracle 9i database
* OpenVPN deployment and RSA certificates management for 400 users
* Sendmail, Nagios, Cacti configuration; Subversion, CVS and Bugzilla administration
* Administrating several internal Apache servers (users authenticated against AD)
* Administrating few external web servers with PHP, Perl and PostgreSQL, MySQL
* Administrating and maintenance of build cluster (RHEL 4) for S40 phone software
* Installation and support of PurifyPlus, Rose, ARM Compiler, Lint, gmake

Senior software developer – *Volkswagen Infotainment | Bochum | 2014 - Present*

*2019 – Present | Cloud development*

* Developing microservices for Microsoft Azure Service Fabric in C#
* Products used: CosmosDB, Redis, Key Vault, Event Hub, Application Insights, Pipelines, ARM templates, DevOps, git

*2014 – 2019 | Embedded development*

* System development in Java for mobile online services on ECU (Yocto Linux)
* Developed MQTT component for OCU3 from scratch
* Tech lead for NAR project (Initially managing 2 developers and a tester remotely in Detroit;   
  then later 2 developers on premises in Bochum; attended many workshops in USA and remotely)
* Products used: Netbeans, Maven, Subversion

Software developer – *Blackberry | Bochum | 2009 - 2014*

* Developed mobile software for BlackBerry in Java, C++, ActionScript, Flex
* Developed USB and MTP stack, FM Radio, OOBE, Settings and Setup app
* Scripted with PHP, Perl, jQuery, PostgreSQL on Linux and Windows

WORK EXPERIENCE

Alexander Farber

**SENIOR SOFTWARE DEVELOPER / TECH LEAD**

**PHONE :** +49 176 34502544

**EMAIL :** Alexander.Farber@gmail.com

**ADDRESS :** 44799 BOCHUM | GERMANY

Student helper – *Ericsson | Aachen | 1996 - 2000*

* Programming CGI-scripts in Perl (interacting with Sybase)
* Programming command line tools in Perl
* Programming CGI and mod\_perl scripts in Perl (with Sybase, MS SQL, ClearCase)
* Programming command line tools in Perl, Unix-shell, awk

Software developer – *Ericsson | Aachen | 2000 - 2001*

* Study of physics and mathematics at the distance learning school of the Phys.-Tech. Institute in Moscow. Final grade: 1.0
* Also I participated regularly in phys. and math. Olympiads and won *1988* the 1st place in Latvian Republic in physics

Distance learning (during school time) – *Distance learning school of the Phys.-Tech. Institute | Moscow | 1987 - 1989*

School – *School #40 | Riga | 1979 - 1989*

* School #40 in Riga, final grade: 1.0 (gold medal)
* The final grade has been confirmed in Germany in preparatory college Muenster *1991-1992*
* Physics study at the Latvian State University - discontinued because of emigration to Germany

Dipl.-Ing. (Master) Electrical Engineering – *RWTH Aachen | Aachen | 1992 - 2000*

* Electrical Engineering (Technical Informatics) study at the RWTH Aachen. Final grade: satisfactory
* (Thesis theme: a FEM-viewer in C++ and OpenGL/Qt with an integrated Python-interpreter. Thesis grade: 1.7)

Master Physics – *Latvian State University | Riga | 1989 - 1991*

EDUCATION

LANGUAGES

• German fluently

• English fluently

• Russian native

• Latvian basic

• Daily sports, staying fit

• Videogames (both playing and programming: developed 2 social games for Android, iOS, desktop)

• My wife and 2 kids

• Literature and arts

INTERESTS

**GITHUB** : [github.com/afarber](https://github.com/afarber)

**WEB** : [afarber.de](http://afarber.de)

**STACKOVERFLOW** : <stackoverflow.com/users/165071/alexander-farber>

WORK EXPERIENCE (CONTINUED)