

# Alexander Farber

Bochum, North Rhine-Westphalia, Germany

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## Experience

### Senior Software Developer

Volkswagen Infotainment

Aug 2014 - Present (5 years 11 months +)

2019 - Present

Cloud Developer:

Developing microservices for Microsoft Azure in C#, DevOps.

Using the products: Service Fabric, CosmosDB, Redis, Key Vault, Event Hub, Azure Pipelines, ARM templates, git.

2014 - 2019

Embedded Developer:

System development in Java for mobile online services on ECU (Yocto Linux).

Developed MQTT component for OCU3.

Tech lead for NAR project -

Initially I was managing 2 developers and 1 tester remotely in Detroit, then later I was managing 2 developers on premises in Bochum.

Products used: Subversion, Maven, Netbeans

### Software Developer

BlackBerry

Apr 2009 - Jul 2014 (5 years 4 months)

Developing mobile software for Blackberry in Java, C++, ActionScript, Flex.

Developing USB and MTP stack, FM Radio, OOBE, Settings and Setup app.

Some scripting with PHP, Perl, jQuery, PostgreSQL on Linux and Windows.

Software used: Perforce, Subversion, git, Eclipse

### System Administrator

Novero

Jul 2008 - Mar 2009 (9 months)

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.



## Tools Developer

Nokia

May 2002 - Jun 2008 (6 years 2 months)

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.



## Software Developer

Ericsson

Sep 2000 - Dec 2001 (1 year 4 months)

Programming CGI and mod\_perl scripts in Perl (with Sybase, MS SQL, ClearCase).

Programming command line tools in Perl, Unix-shell, awk.



## Student helper

Ericsson

Jan 1996 - Aug 2000 (4 years 8 months)

Programming CGI-scripts in Perl (interacting with Sybase database).

Programming command line tools in Perl.

## Education



### RWTH Aachen University

Graduated with Diplom

1992 - 2000

Electrical Engineering



### Latvijas Universitate

Not graduated due to emigration to Germany

1989 - 1990

Physics



### 40. vidusskola, Riga

Graduated with gold medal

1979 - 1989

## Skills

Perl • Java • PHP • jQuery • Android Development • iOS development • PostgreSQL • Microsoft Azure • C# •  
Microservices