

Roland Stigge



- born 1978 in Berlin, Germany
- Computer Scientist (German Dipl.-Inf., Humboldt University Berlin)
- Software Developer (Embedded, Visualization, Tools)
- Operating System Specialist (Linux Kernel, Unix)

CONTACT

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EDUCATION

Computer Science
MSc (German Dipl.-Inf.)
Berlin, Germany

Humboldt University
Institute for Informatics
October 1999 – October 2004

I studied various topics in Computer Science: Software Engineering, Signal Processing, Databases, Telecommunication Systems, Cryptography, and more. To supplement this, I also studied some Physics at the Physics department of Humboldt University. For my thesis, I worked on efficient algorithms for Automatic Music Transcription. It includes modern Signal Processing and XML technology, implementing it in a Software package (JWS).

WORK EXPERIENCE (PAID)

Software Engineer
Ottobrunn, Germany

Astyx GmbH
July 2015 – present

Astyx Communication & Sensors GmbH develops radar and other high frequency sensors. I'm involved in development of high resolution radar sensors newly developed for autonomous driving applications. My main tasks are design and implementation of new system concepts, optimization of software and measurement and visualization tools.

Tools/Platforms: Visual C++, C, Qt, Google Test, Java/Android, ADTF, OpenGL

Software Engineer
Holzkirchen, Germany

WORK Microwave GmbH
July 2009 – June 2015

Work Microwave GmbH develops a series of high-frequency devices for satellite communication, navigation and radar for which I was developing system software, host computer tools and computer networks. Emphasis on Satellite Modems with Embedded Linux.

Tools/Platforms: Cross-GCC, AVR, AVR32, PowerPC, Linux, Web-server/FastCGI

Software Engineer

Munich, Germany

Philosys is a consulting company involved in UNIX clustering, telecommunication, graphics software for BMW car simulation and Embedded Linux for mobile devices, where I was involved in different respective projects. Emphasis on Embedded Linux.

Philosys Software GmbH

February 2005 – June 2009

Programmer,

System Administrator

Berlin, Germany

At Epigenomics AG, a German/US biotechnology company, I took care of a heterogeneous network with Linux, Solaris and Windows workstations and servers and developed an integrated LDAP infrastructure in Berlin/Germany and Seattle, WA.

Epigenomics AG

I-Systems

March 2001 – March 2002

System Administrator

Oranienburg, Germany

During my alternative civilian service, I also worked in the computer systems department of the county hospital, helped to administer an OS/400 / NT network and installed the first Linux systems for email infrastructure and internet access.

Hospital Oranienburg

July 1998 – August 1999

FREE SOFTWARE
PROJECTS
(VOLUNTARY,
SPARE TIME)

Developer

<http://www.debian.org/>

At Debian (the largest GNU/Linux distribution) I was maintaining several source packages and the powerpcspe platform (Freescale e500v2 core).

Debian Project

September 2003 – September

2016

Developer

<http://www.gnu.org/>

In May 2003, I adopted the musical desktop metronome application GTick, which is an official GNU package since February 2004.

GNU Project

February 2004 – July 2015

Translator

<http://translationproject.org/>

I was a member of the German team in the Translation Project and translated gcc from English to German.

Translation Project

June 2003 – July 2015

SKILLS

I started absorbing computer programming and operating skills when I had my first access to machines in 1988. Especially my abilities to learn new technologies fast and to interact in teams have always been useful here.

- Programming Languages: C++, C, Java, Shell, UML, Lua, Matlab, Python, Perl, PHP, Assembler, Pascal, Prolog, Basic
- Technologies: OO Analysis/Design/Implementation, HTML, XML, LDAP, Unix, Linux, TeX, SQL, Qt, Crosscompiler, Linker
- Natural Languages: German (native), English (good), French (basic), Russian (basic)

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