Daniel Kullmann

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Germany
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Skype: daniel_kullmann

born 15.08.1973 in Frankfurt/Main, Germany
married, two children

Experience

October 2013 – September 2018

Senior Software developer

SAP SE

- Development of a cloud application development framework in Scala in a distributed team of around 20 people
- Development of a health-care management system based on the above-mentioned framework, in the same team
- Development of an analytical web app in an agile team of up to 15 people, using Javascript on the client-side and Javascript and Scala on the server-side
- Involved in many Devops topics, e.g. taking care of Jenkins server, and integration into internal product release process
- Analysis of the existing real-estate management solution of SAP ERP
- Various small projects, including performance analysis of ABAP application
- Programming languages: Scala, Java, Javascript, Python, Bash, SQL, ABAP
- Tools and Technologies: SAP HANA, PostgreSQL, Jenkins, Docker, Linux, cloud platforms (SAP CP, AWS), Maven, SBT, Git/Github, IntelliJ, Agile Software Development (Scrum)

May 2012 – June 2013

Software developer and system administrator

Technical University of Denmark, Risø Campus

- Further development and maintenance of the existing software for controlling the experimental electrical power system SYSLAB
- Administration of the 30+ SYSLAB servers
- Programming languages: Java, Python, C/C++, Bash
- Tools and Technologies: PostgreSQL, Web Services, Mercurial, Eclipse, Linux, Testing, Continuous Integration (Hudson/Jenkins), IEC 61850

September 2008 – April 2012

PhD

Technical University of Denmark

(former Risø National Laboratory for Renewable Energies)

- Area: Power Engineering/Computer Science
- Title: Policy-based Communication for the Control of Power Systems
- Evaluation of a new concept for control communication in power systems
- Development of a Java library, several experiments and simulations

- Further development of the SYSLAB platform
- Programming languages: Java, Python, C/C++
- Tools and Technologies: JADE, Rule systems (JBoss Drools), Mercurial, Eclipse, Linux, IEC 61850, IEC 61970 (CIM)

October 2007 – July 2008
Software developer
Zakoa GmbH, Frankfurt/Main, Germany

- Project lead and development of several web applications using PHP and Javascript
- Responsible for the maintenance of a Java-based web application
- Programming languages: Java, PHP, Javascript
- Tools and Technologies: MySQL, Zend Framework, Eclipse, Subversion, jQuery, Linux, Windows XP

January 2007 – September 2007
Sabbatical
Travelling in India, Europe and California, voluntary work

September 2002 – December 2006
Software developer
5 POINT AG, Darmstadt

- Project lead, development and maintenance of several web applications in Java and Perl
- Programming languages: Java, Perl, Javascript, C
- Tools and Technologies: Tomcat, PostgreSQL, MySQL, Struts, Eclipse, Subversion, jQuery, Linux, Windows 2000

November 1998 – June 2001
Scientific assistant
Institute for Computer Graphics Research IGD
Technical University of Darmstadt, Germany

- Development of a library and GUI application in C++ to access and configure 3D input devices
- Programming language: C++
- Tools and Technologies: OpenGL, Qt

June 2001 – December 2001
Master in Computer Science
Fraunhofer CRCG institute in Providence, Rhode Island

- Title: Intelligent Behavior Control and World Modeling for Virtual Humans in Virtual Environments

October 1994 – April 2002
Master in Computer Science
Technical University of Darmstadt, Germany

- Emphasis: Software Engineering, Databases, Embedded Systems, Cryptography, Computer networks

Languages

- German (native speaker)
- English (full professional proficiency)
- Danish (good)

Interests

Professional

- Agile software development
- Programming languages
- Open Source

Private

- Bicycling
- Hiking
- Playing the didgeridoo

Online profiles

LinkedIn	`http://www.linkedin.com/profile/view?id=90135594`
Xing	`http://www.xing.com/profile/Daniel_Kullmann2`
Stack Exchange	`http://stackexchange.com/users/31227/daniel-kullmann`
Bitbucket:	`https://bitbucket.org/danielkullmann`
Github:	`http://github.com/daniel-kullmann`

Potsdam, 2019-04-16

Daniel Kullmann