

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



Core Competencies

Scala (3 years) Java (11 years) JavaScript (6 years) Python (5 years) Golang (1 year)
PostgreSQL DB (5 years) SAP HANA DB (6 years)
Git (6 years) Linux (17 years) Agile/SCRUM (6 years)
Docker (2 years) Jenkins (3 years) Shell Scripting (10 years)
Spring (1 year) Maven (3 years) SBT (2 years)
SAP Cloud Platform (5 years) AWS (2 years)

Experience

October 2019 – now

Expert Interviewer

Karat (freelance, part-time)

- Conducting technical interviews for companies
- Technical interviews consist of knowledge questions in a particular subject area, project discussion, and coding exercises

July 2019 – now

Software developer

e.dis AG (freelance, part-time)

- Development of various application in the SAP Cloud Platform environment in a small team of two developers
- Programming languages: Java, Javascript
- Tools and Technologies: SAP HANA, SAP Cloud Platform, Spring Boot, Agile Software Development (Scrum/JIRA), SAPUI5, Maven, Shell scripting

October 2013 – September 2018

Senior Software developer

SAP SE (employed)

- 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 (employed)

- 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 (employed)

(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 (employed)

- 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 (employed)

- 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 (e.g. Go, Rust, Kotlin)
- Open Source

Private

- Bicycling
- Hiking
- Playing the didgeridoo
- Sailing

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
Gitlab:	http://gitlab.com/danielkullmann

Potsdam, 2020-07-01

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