

# Daniel Mühlbacher

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## Curriculum vitae

*Whereever you go, go with all your heart.*

### Entrepreneurship

- 07/2011–now **CEO, Founder**, *NiftySide - Daniel Mühlbacher*, Vienna, Austria.
- 2008–2012 **Freelance**, *Co-operation with CHS Linz*, Pasching, Austria.  
Linux business server administration and web development
- 01/2011–03/2012 **Developer, System administrator**, *Filmspiration*, Linz, Austria.
- 2007–2011 **Scholarship system**, *Europagymnasium Auhof*, Linz, Austria.  
Development of web projects

### Work experience

- 01/07/2017–now **Software Developer**, *sIT Solutions AT Spardat GmbH*, Vienna, Austria.
- 02/09/2013–31/06/2017 **Software Developer & Tester, Team Leader, Project Manager**, *Catalysts GmbH*, Linz, Austria.
- 01/10/2013–31/01/2014 **Student worker in teaching**, *Institut für Informationsverarbeitung und Mikroprozessortechnik, Johannes Kepler University*, Linz, Austria.  
Tutor for “Systems Programming”
- 01/03/2013–30/06/2013 **Student worker in teaching**, *Institute for Pervasive Computing, Johannes Kepler University*, Linz, Austria.  
Tutor for “Algorithms & Datastructures 1”
- 01/10/2012–31/01/2013 **Student worker in teaching**, *Institute for Pervasive Computing, Johannes Kepler University*, Linz, Austria.  
Tutor for “Algorithms & Datastructures 2”

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- 09/07/2012–31/08/2012 **Software Developer & Tester**, *Catalysts Gmbh*, Linz, Austria.
- 18/07/2011–31/08/2011 **IT administrator**, *CHS Linz*, Pasching, Austria.  
mainly Linux business servers
- 01/02/2011–31/03/2011 **Student worker without diploma**, *Institute for Business Informatics – Communications Engineering*, *Johannes Kepler University*, Linz, Austria.  
Implementation and testing of an Apache Mahout based recommender system
- 01/02/2010–31/07/2010 **Military service**, *Austrian Air Force*, Hörsching, Austria.  
Clerk and driver (B1) at the commando of the Austrian Air Force at the ICT department

## Education

- 03/2014–now **MSc in Computer Science**, *Johannes Kepler University*, Linz, Austria, Major subject: Computational Engineering.
- 10/2010–02/2014 **BSc in Computer Science**, *Johannes Kepler University*, Linz, Austria.  
Thesis: “Satellite Data Processing for Mobile Visualization” ([http://www.muehlbachler.org/files/bsc\\_thesis.pdf](http://www.muehlbachler.org/files/bsc_thesis.pdf))
- 09/2012–06/2013 **BSc in Computer Science (student exchange)**, *University of Bradford*, Bradford, United Kingdom.  
Erasmus student exchange program
- 09/2001–07/2009 **Matura**, *Europagymnasium Auhof*, Linz, Austria.  
Science grammar school, IT track
- 09/1997–07/2001 **Primary School**, *Volksschule Harbach VS 26*, Linz, Austria.  
Primary school

## Achievements

- Academic year 2012/13 **Merit scholarship**.  
Faculty of Engineering and Natural Sciences, Johannes Kepler University
- Academic year 2011/12 **Merit scholarship**.  
Faculty of Engineering and Natural Sciences, Johannes Kepler University
- 27/04/2012 **Catalysts Coding Contest**, 26<sup>th</sup> place as a group of two, Linz, Austria.

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16/12/2011 **Catalysts Coding Contest**, 24<sup>th</sup> place as a group of two, Linz, Austria.

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## Reviews

- 04/2018 **“Hands-On Enterprise Application Development with Java 9”**, by *Martin Farrell*, Technical review.  
ISBN-13: 9781788832229
- 03/2017 **“Java 9 with JShell”**, by *Gastón C Hillar*, Technical review.  
ISBN-13: 9781787282841
- 12/2015 **“Learning Network Programming with Java”**, by *Richard M Reese*, Technical review.  
ISBN-13: 9781785885471
- 08/2015 **“MongoDB for Java Developers”**, by *Francesco Marchionni*, Technical review.  
ISBN-13: 9781785280276
- 11/2013 **“iCloud Standard Guide”**, by *Andri Yadi, Fauzan Alfi*, Technical review.  
ISBN-10: 1782160507, ISBN-13: 9781782160502

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## Languages

German	C2	<i>Mother tongue</i>
English	B2	
Spanish	A1, A2	

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## Skills

### Programming related skills

- Java, Hibernate
- Groovy, Grails, Kotlin
- MATLAB (basics), R (basics), Julia (basics)
- JavaScript, AngularJS, VueJS, NodeJS
- PHP, HTML, CSS/LESS (basics)
- Objective-C and Swift, C (basics, also with Cilk)
- Database systems: SQL, MongoDB, Elasticsearch

### Continuous Integration

- Gitlab (CI)
- IntelliJ TeamCity, IntelliJ YouTrack

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- JIRA, Confluence

### Software Development skills

- Docker, Microservices, Linux systems
- Scrum, Agile Development

### Other skills

- Linux systems
- L<sup>A</sup>T<sub>E</sub>X

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## Personal project history

Further information about personal/private projects on request.

Due to secrecy agreements I am not allowed to talk further about projects I worked on for those companies but I can provide an extremely brief overview of the technologies used in them if requested.

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