



# Jost Muxfeldt

PHP Software Architect and IT Strategy Consultant  
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I am currently looking for projects as a PHP Software Architect, possibly also including technical consulting responsibilities.

## Development Languages

Language	level
PHP	expert
Javascript	advanced
Vuejs	advanced
HTML5	advanced
CSS3	advanced
Sass	advanced
jade/pug	advanced
Bash	intermediate
Processing	intermediate
SuperCollider	open source dev

## Development Technologies

Platform	level
Event-Sourcing	advanced
Symfony	advanced
Softw.-Architecture	advanced
CQRS	advanced
Drupal 8/9/10	expert
MySQL/ MariaDB	advanced
Vuejs/Vuetify	advanced
Ionic Capacitor	advanced
Nodejs	intermediate
Docker	intermediate
Gitlab CD/CI	intermediate
Jenkins	intermediate
Git	advanced
Linux	advanced

## Profile

### General

After an university education in the humanities and arts, I eventually specialized in internet technology and multimedia design. I have worked as a software architect, developer, project manager, designer, and conceptual designer, for prominent offices in Berlin, Germany. The spectrum of my work experience reaches from architecture offices to software agencies, as well as teaching and publication. The interactive nature of my projects with a broad variety of clients has made quick learning and flexibility a necessary part of my work.

### Language Skills

Native speaker skills in both German and English.

### Software Development / Internet

As a senior PHP developer, my particular areas of specialty include internet applications, developed using **Symfony**, **Drupal**, **Vue.js**, and **Javascript**. I have strong expertise in developing **Symfony** based **microservice** architectures using **CQRS** and **Event Sourcing**. Furthermore I develop with **Drupal** on an **expert level** and am deeply experienced in **Drupal backend architectures** and **Drupal module development**. I also Develop cross-platform apps using Ionic Capacitor (with Vue.js)

### Consulting, Training, Workshops

I consult clients concerning Symfony or Drupal architecture, especially concerning microservices, event-sourcing, and CQRS. and I also offer teaching and training in workshops.

### DevOps

I have basic DevOps skills, and can design and write CD/CI scripts with Jenkins and .gitlab-ci.yml. I am also proficient in designing Dockerfiles.

### Open Source Development

I belong to the **open source** development team of the multimedia programming language, **SuperCollider**. I have developed complex multimedia installations and performances using **SuperCollider** and **Processing**. These installations have been exhibited at major venues throughout Europe, including **Sonar in Barcelona**, **Transmediale Berlin**, **Exit Festival in Paris-Créteil**.

### Project Management

My work experience has involved a broad range of project management and **technical project management skills**. In my interaction with architecture offices, I have had to manage budget and deadlines for competition projects. For IT and Internet I have made **time and budget assessments**, and have structured work loads into manageable units. I am familiar with **SCRUM**, and have used tools such as **Jira**. In 2010 I was on the organizer team of a large Symposium in Berlin for the SuperCollider programming language in Berlin, a project with a **Budget of over 70000 Euros**. My responsibilities included budgeting and task-assignment, among other things.

### Further Skills

I am enthusiastically involved in a wide variety of activities outside of my main job. These activities have in the past included art exhibits, journalism, radio, translation, and lecturing/publishing in philosophy. I have always strived to keep my intellectual interests alive as an enrichment of the quality of my efforts in my present work situation.

### Education

Batchelor of Arts in Music, Cum Laude, State University of New York at Binghamton, USA  
Master of Music, Hartt School of Music, University of Hartford, Connecticut, USA  
Master of Arts in Philosophy (Language and Logic) University of Connecticut at Storrs, USA.

# Selected IT Projects

2024 - 2025	<p><b>Software Architect &amp; Developer</b>   owner   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>GlyphDE / Jost Muxfeldt</b>   Technologies: Symfony • MySQL/ MariaDB • Vuejs/Vuetify • Ionic Capacitor • Jira • Git • MacOS • Linux .</p> <p>Capacitor cross-platform app. Software architecture and development of a Drupal CRM system. Datavisualization with Javascript. Complex data migrations between Drupal versions/installations.</p> <p>Vue.js CrossPlatform Offline-first Applications. Symfony Applications.</p>
2022 - 2024	<p><b>Event-sourcing/CQRS Software Architect</b>   freelance   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>Freelance</b>   Technologies: Symfony • Softw.-Architecture • Event-Sourcing • CQRS • MySQL/ MariaDB • Docker • Jenkins • Jira • Git • Linux .</p> <p>Event-sourcing/CQRS Architecture and development of a member management software for a major German political party.</p>
2021 - 2024	<p><b>Software Architect / Consultant</b>   owner   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>GlyphDE / Jost Muxfeldt</b>   Technologies: Laravel • MySQL/ MariaDB • Vuejs/Vuetify • Ionic Capacitor • Confluence • Jira • Git • MacOS • Linux .</p> <p>Software architecture and development of a Drupal CRM system. Datavisualization with Javascript. Complex data migrations between Drupal versions/installations.</p> <p>Vuejs CrossPlatform Offline-first Applications. Symfony and Laravel Applications.</p>
2020 - 2022	<p><b>Software Architect</b>   freelance   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>Freelance</b>   Technologies: MySQL/ MariaDB • Confluence • Jira • Git • MacOS • Linux .</p> <p>Software architecture and development of a CRM system. Datavisualization with javascript. Data migration between software versions. Data-syncing with Microsoft Navision.</p>
2019 - 2022	<p><b>Migration and Relaunch</b>   freelance   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>weißpunkt und purpur</b>   Technologies: Drupal 8/9/10 • jQuery • Git • Linux .</p> <p>Migration from Drupal 6 to Drupal 8 and redesign of <a href="http://www.weisspunktundpurpur.de/de">http://www.weisspunktundpurpur.de/de</a>. Not online yet.</p>
2018	<p><b>Software Architect for Universum AG</b>   freelance   <b>Software Architect &amp; Developer</b></p> <p>Client: <b>Hays AG</b>   Technologies: GULP • Apache Solr • Jira • MacOS • Linux .</p> <p>Software architecture and development of a CRM and mail processing system.</p>
2017	<p><b>Consulting for a Drupal Project</b>   freelance   <b>Consultant</b></p> <p>Client: <b>felix1.de AG</b>   Technologies: Git .</p> <p>Consulting concerning rewriting and interfacing an existing Drupal-Odoo solution.</p>
2017	<p><b>Hospital Website Realisation</b>   freelance   <b>Senior Developer, Consultant, Website Architect</b></p> <p>Client: <b>publicgarden GmbH</b>   Technologies: GULP • jQuery • Jira • Git • MacOS .</p> <p>Architecture and realisation of a complex hospital website in Drupal 8, with extensive custom module programming, multi-step search, n-to-n relations, etc.</p>
2017	<p><b>Consulting</b>   freelance   <b>Developer, Consultant</b></p> <p>Client: <b>publicgarden GmbH</b>   Technologies: Git • Drupal 6 • MacOS .</p> <p>Technical and financial analysis with proof of concept for the migration of a complex Drupal 6 project to Drupal 8.</p>
2016 - 2017	<p><b>Implementation of a Solr Search</b>   freelance   <b>Developer</b></p> <p>Client: <b>Pixelpark</b>   Technologies: GULP • Apache Solr • Drupal 7 • Linux .</p> <p>Implementation of a Solr Search for a Large Drupal 7 Project</p>
2016	<p><b>Drupal Development for a short Deadline</b>   freelance   <b>Developer</b></p> <p>Client: <b>CB.e Clausecker   Bingel AG</b>   Technologies: MacOS .</p> <p>Front and backend Drupal 8 development for a large project on a close deadline</p>
2016	<p><b>Drupal Development and Consulting</b>   freelance   <b>Developer, Consultant</b></p> <p>Client: <b>publicgarden GmbH</b>   Technologies: Git • MacOS .</p> <p>Large Drupal 8 project. My tasks included developing complex data import modules, batch processing, and import of remote xml data.</p>
2016	<p><b>Development of a module for integrating the 123rf image service into Drupal 8.</b>   freelance   <b>Independent Developer, Consultant, Drupal 8 Expert</b></p> <p>Client: <b>Wolters Kluwer Deutschland GmbH (via Hays AG)</b>   Technologies: Git • MacOS .</p> <p>The 123rf image service is a a leading payment based image service. Wolters Kluwer Deutschland GmbH needed to integrate an image search in to their upcoming Anwalt24 site relaunch, which included a per user image library with the possibility of accessing 123rf images for inclusion in the user's content. The task was to write a generic (site independent) Drupal 8 Module to allow such an integration.</p>
2016	<p><b>Launch of weisspunktundpurpur.asia</b>   freelance   <b>Consultant / Developer</b></p> <p>Client: <b>weißpunkt und purpur</b>   Technologies: Git • Drupal 6 • MacOS • Windows • Linux .</p> <p>Strategie consulting and development for launch of <a href="http://weisspunktundpurpur.asia/">http://weisspunktundpurpur.asia/</a>.</p>
2015 - 2016	<p><b>Drupal 8 responsive relaunch of www.glyph.de</b>   freelance   <b>Developer</b></p> <p>Client: <b>GlyphDE / Jost Muxfeldt</b>   Technologies: GULP • Git .</p> <p>Porting from Drupal 7 to Drupal 8 and responsive development.</p>
2015 - 2016	<p><b>Senior PHP Fullstack Developer and IT Strategy Consultant</b>   freelance   <b>Senior Developer, Consultant, Drupal Expert</b></p> <p>Client: <b>Agentur SOWHAT!</b>   Technologies: GULP • jQuery • Confluence • SCRUM • Jira • Git • Drupal 7 • MacOS • Linux .</p> <p>Advanced development, IT strategy consulting, cost estimation. Developed an office-wide Drupal deployment strategy.</p>

<b>2015</b>	<b>Development of an online shop for marathon running events.</b>   freelance   <b>Principle Drupal Developer</b> Client: <b>Flexcellence</b>   Technologies: jQuery • SCRUM • Jira • Git • Drupal 7 • MacOS • Linux . This project was implemented with <b>Drupal Commerce</b> , and I was the main developer in a Team of one full time (myself) and one part-time developer.
<b>2014 - 2015</b>	<b>Multilingual Relaunch of Lighting Design Website.</b>   freelance   <b>Developer / Designer</b> Client: <b>weißpunkt und purpur</b>   Technologies: Git • Drupal 7 • MacOS • Windows • Linux . Design and Drupal development of the website <a href="http://weisspunktundpurpur.de/">http://weisspunktundpurpur.de/</a> .
<b>2014</b>	<b>What is Space?</b>   freelance   <b>Instructor</b> Client: <b>NK Projekt</b>   Technologies: Drupal 7 • MacOS • Windows • Linux . A workshop exploring concepts of space and how we experience and express space. Many of my ideas focus on audio-art, however visual artists, architects, dancers, poets, actors, were explicitly welcome to participate, since the idea of trans-medial spaces is one of the things we wanted to understand. Among the 17 participants, we had representatives of each category.
<b>2013 - 2014</b>	<b>Relaunch of the Reichelt Supermarkt Chain</b>   freelance   <b>Drupal Developer, Consultant</b> Client: <b>interactive tools GmbH</b>   Technologies: Confluence • SCRUM • Jira • Subversion • Drupal 7 • MacOS • Windows • Linux . As an external expert, I was responsible for the particularly difficult structural implementations for the Relaunch of the Reichelt Supermarket chain website . This included developing backend modules for integrating MovingImage24 videos, as well as a complicated search over sub-entities in the Recipes Search .
<b>2013</b>	<b>Pitch für ARTE Live Web</b>   freelance   <b>Senior Drupal Developer</b> Client: <b>Pixelpark</b>   Technologies: Confluence • SCRUM • Git • Drupal 7 • MacOS • Linux . I was responsible for the development of a broad spectrum of Drupal Modules, including i18n issues, formatters, Twitter/Facebook/instagram widgets, Metatags, both in the back and front-end.
<b>2013</b>	<b>Mercedes Benz Driving Events</b>   freelance   <b>Senior Drupal Developer</b> Client: <b>Pixelpark</b>   Technologies: Vagrant + Ansible • Confluence • SCRUM • Jira • Git • Drupal 7 • MacOS • Linux . Developed in Drupal. Design and implementation of a complicated multi-step registration form for the Mercedes Benz Driving Events <a href="https://www.mercedes-benz-events.com">https://www.mercedes-benz-events.com</a> . I was responsible for all aspect of the process including backend ajax services, data encryption, email notification, front-end html and css, as well as javascript development.
<b>2013</b>	<b>Drupal Beginners Workshop</b>   freelance   <b>Instructor</b> Client: <b>NK Projekt</b>   Technologies: Drupal 7 • MacOS • Windows • Linux . A workshop introducing participants to the basics of building a website with Drupal.
<b>2010</b>	<b>SuperCollider GUI Workshop</b>   freelance   <b>Instructor</b> Client: <b>SuperCollider 2010 Symposium</b>   Technologies: MacOS • Windows • Linux . Introduction to the GUI System of SuperCollider. Part of the <a href="#">SuperCollider2010 Symposium Berlin</a> .
<b>2010</b>	<b>SuperCollider Symposium 2010 Berlin</b>   freelance   <b>Organizer, Concept Developer, Team Manager</b> Client: <b>SuperCollider Open Source</b>   Technologies: . I was on the organizer team of this large, publicly funded project, with a budget of over 70000 Euros. The symposium included lectures, workshops, concerts, and exhibits spread across multiple venues in Berlin, Germany. I was responsible for the budgeting, work organization, and the website for the symposium. <a href="http://supercollider2010.glyph.de/">http://supercollider2010.glyph.de/</a>
<b>2010 - 2012</b>	<b>Developer Front- and Backend</b>   employed   <b>Developer</b> Client: <b>interactive tools GmbH</b>   Technologies: jQuery • Confluence • SCRUM • Jira • Subversion • Drupal 7 • Drupal 6 • MacOS • Linux . <ul style="list-style-type: none"> <li>• <b>Drupal Expert.</b> I was the in-house Drupal expert and developed a brad spectrum of modules including for numerous projects including Reichelt Supermarket, interactive-tools Website, Ebay.</li> <li>• <b>Symfony Development.</b> In the context of a highly complex new implementation for the Berlinale Accreditation System, I was part of a larger team and developed the structures for my main task: an ExtJs driven form for the intranet backend. I was as much involved with Javascript/ExtJs as with the Symfony backend controllers and views.</li> <li>• <b>Javascript and ExtJs Development.</b> Next to the Berlinale Accreditation System, I developed a broad spectrum of mini applications for the Reichelt Supermarket Website, including sweepstakes and online-games.</li> <li>• <b>Actionsript 3 Development.</b> Für ZF Friedrichshafen AG I developed a complex , databank-driven Flash application for a Trade Show. I also developed an online sweepstakes for Kunstmuseum Dresden.</li> </ul>
<b>2007 -....</b>	<b>SuperCollider Open Source Team</b>   freelance   <b>Developer</b> Client: <b>SuperCollider Open Source</b>   Technologies: Git • MacOS • Linux . I am a member of the group of open source developers for this programming language, which is probably the best of its type for so sound and multimedia. In 2007, I documented the entire GUI system, and wrote various GUI extensions and improvements for the language.
<b>2004 - 2005</b>	<b>SuperCollider GUI Documentation</b>   freelance   <b>Developer / Author</b> Client: <b>SuperCollider Open Source</b>   Technologies: MacOS • Windows . I wrote a complete documentation for the GUI system of the <a href="#">SuperCollider</a> programming language.

## Teaching / Workshops / Lectures / Publications

<b>2017</b>	<b>Workshop, Performance and Discussion about Music Programming.</b>   freelance   <b>Lecturer</b> Client: <b>Institut für Musik und Medien, Robert Schumann Hochschule</b>   Technologies: MacOS . Workshop, Performance and Discussion about Music Programming. Together with <a href="#">Julian Rohrhuber</a> .
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2016	<b>Sound, Space, Phenomenology</b>   freelance   <b>Lecturer / Performer</b> Client: <b>Institut für Architekturbezogene Kunst, TU Braunschweig</b>   Technologies: MacOS . Lecture, Workshop, Concert
2014	<b>What is Space?</b>   freelance   <b>Instructor</b> Client: <b>NK Projekt</b>   Technologies: Drupal 7 • MacOS • Windows • Linux . A workshop exploring concepts of space and how we experience and express space. Many of my ideas focus on audio-art, however visual artists, architects, dancers, poets, actors, were explicitly welcome to participate, since the idea of trans-medial spaces is one of the things we wanted to understand. Among the 17 participants, we had representatives of each category.
2013	<b>Supercollider Production Environment</b>   freelance   <b>Instructor / Lecturer</b> Client: <b>NK Projekt</b>   Technologies: MacOS • Windows • Linux . Presentation of a complex SuperCollider production environment.
2013	<b>Drupal Beginners Workshop</b>   freelance   <b>Instructor</b> Client: <b>NK Projekt</b>   Technologies: Drupal 7 • MacOS • Windows • Linux . A workshop introducing participants to the basics of building a website with Drupal.
2013	<b>What is Space?</b>   freelance   <b>Lecturer</b> Client: <b>Sommerwerkstatt Experimentelle Musik</b>   Technologies: . A lecture exploring concepts of space and how we experience and express space. A provocation concerning the concept of space in the arts and beyond.
2010	<b>SuperCollider GUI Workshop</b>   freelance   <b>Instructor</b> Client: <b>SuperCollider 2010 Symposium</b>   Technologies: MacOS • Windows • Linux . Introduction to the GUI System of SuperCollider. Part of the <a href="#">SuperCollider2010 Symposium Berlin</a> .
2010	<b>SuperCollider Symposium 2010 Berlin</b>   freelance   <b>Organizer, Concept Developer, Team Manager</b> Client: <b>SuperCollider Open Source</b>   Technologies: . I was on the organizer team of this large, publicly funded project, with a budget of over 70000 Euros. The symposium included lectures, workshops, concerts, and exhibits spread across multiple venues in Berlin, Germany. I was responsible for the budgeting, work organization, and the website for the symposium. <a href="http://supercollider2010.glyph.de/">http://supercollider2010.glyph.de/</a>
2007	<b>Audio Kinematics</b>   freelance   <b>Lecture / Performance</b> Client: <b>University of Brighton</b>   Technologies: . Lecture and presentation of own work.
2007 - 2008	<b>Audio Kinematics</b>   freelance   <b>Artist, Developer</b> Client: <b>Medien-Kunst Labor Tesla</b>   Technologies: MacOS . In the context of an artist's residency, I developed a sound and video installation, using Supercollider and Processing. The installation was later show in exhibits throughout Europe. Kinematic motions were represented in sound and video, and played with the spatial perception of the audience. The audio an video parts of the program synchronized over the network protocol OSC.
2005	<b>Architectural Knowledge</b>   freelance   <b>Lecture</b> Client: <b>Université Paris X Nanterre</b>   Technologies: . Arakawa and Gins Architecture and Philosophy Conference.
1999	<b>Architektur Visualization on the Computer</b>   freelance   <b>Lecture</b> Client: <b>Technische Universität Berlin</b>   Technologies: . Guest Lecture at the TU Berlin. Invitation by Prof. Angela Lambea
1999	<b>... 40 Iterations for Piano Module ...</b>   freelance   <b>Lecture</b> Client: <b>Verein für Experimentelle Musik</b>   Technologies: . Lecture / Performance
1998	<b>Music and Architecture: the Example of Kurt Schwitters.</b>   freelance   <b>Lecture</b> Client: <b>Technische Universität Berlin</b>   Technologies: . Guest Lecture at the TU Berlin. Invitation by Prof. Angela Lambea

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