Thomas Massmann

Software and web developer with strong focus on accessibility and inclusive design.

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Profile

Hi, I'm Thomas. I'm a software and web developer with a strong focus on accessibility and inclusive design. During my career in software development I learned and used a lot of different tools and techniques. One of my biggest strength is to analyze problems and find strategies to solve them.

Experience

it-spirit – Founder & Software Developer
Kaufbeuren, Germany – July 2013 until now

- Full stack web development for Plone websites and applications
- Development of custom Python based applications
- Development of a custom Zope 3 based real estate application
- Development of modern websites with SSGs (static site generators), dynamic backends and services
- Accessibility consultations for websites, test driven software development and agile development methods
- Frontend web development using CSS, plain JavaScript und Vue.js
- Mobile app development using Ionic and Vue.js
- Project management and customer support
- Consulting and support for accessible and inclusive websites
- Trainings and workshops for web accessibility, development & theming of Plone based websites
- DevOps using Ansible

Six Feet Up, Inc. – Contractor
Fishers, IN, USA – December 2021 until now

- Python-based web-applications using Django, Flask, Pyramid and Plone
- Node.js development using Express web framework

Cusy GmbH – Freelancer
Berlin, Germany (remote) – April 2019 until now

- Full stack web development for customer specific Plone websites
- Accessibility consultations for websites
- Development of static generated websites using Nuxt.js

Propertyshelf, Inc. – Contractor
Sarasota, FL, USA – July 2013 until April 2018

- Full stack web development for Plone websites
- Development of a custom Zope 3 based real estate application
- DevOps using Ansible

Inqbus GmbH & Co. KG – Co-Founder, CEO & Software Developer
Leipzig, Germany – July 2011 until June 2013

- Full stack web development for Plone websites and applications
- Development of custom Python backend applications
- Development of a custom Zope 3 based real estate application
- DevOps using Chef and Ansible

it-spirit – Founder & Software Developer
Leipzig, Germany – June 2007 until December 2011

- Customer specific static or dynamic websites using Plone, Joomla and Contao

Leipzig University of Applied Sciences – Research Assistent
Leipzig, Germany – October 2010 until January 2011

- Running the advanced (graduate) seminar "Plone/Zope" for the term 2010/2011

Leipzig University of Applied Sciences – Research Assistent
Leipzig, Germany – June 2009

- Planning and implementation of a multi website structure of project websites for the faculty of computer science with the CMS Plone

Leipzig University of Applied Sciences – Research Assistent
Leipzig, Germany – April 2008 until September 2008

- Migration of a former static website of the faculty of computer science into a CMS based with Plone

Leipzig University of Applied Sciences – Research Assistent
Leipzig, Germany – November 2007 until December 2007

- Migration of a former static website of the faculty of computer science into a CMS based with Plone

iT-NetService GmbH – Student apprentice
Leipzig, Germany – September 2005 until Januar 2006

- Working on a new Exim based mail server setup in preparation of the Bachelor Thesis "Implementation eines Open-Source-E-Mail-Servers mit benutzerdefinierter Anti-Span- & Anti-Viren-Lösung"

Lintec IT AG – Employee
Leipzig, Germany – March 2003 until August 2003

- Research and Development department
- Working on special computer for elderly people

Lintec IT AG – Apprentice
Arnstadt, Germany – August 2000 until January 2003

- Professional education as Communication Electronics Engineer

Education

Leipzig University of Applied Sciences
Leipzig, Germany – October 2006 until January 2011

- Computer Science with degree "Master of Science"
- Master thesis with subject *Entwicklung von Zope-Anwendungen mit BlueBream am Beispiel des Costa Rica MLS*"

Leipzig University of Applied Sciences
Leipzig, Germany – October 2003 until September 2006

- Computer Science with degree "Bachelor of Science"
- Bachelor thesis with subject *Implementation eines Open-Source-E-Mail-Servers mit benutzerdefinierter Anti-Spam- & Anti-Viren-Lösung*"

Staatliche Berufsbildende Schule Sömmerda
Sömmerda, Germany – September 2000 until January 2003

- Professional education as Communication Electronics Engineer

Skills

Languages
- German (first language)
- English (fluent)

Technical skills

- Python 2/3
- Zope, Zope Toolkit (ZTK), Plone CMS
- Web-Development (HTML, CSS, JavaScript)
- Modern JavaScript Frameworks (Vue.js, Nuxt.js, Gridsome, jQuery…)
- CSS-Frameworks (Material UI, Bootstrap, …)
- Design-Systems (Storybook.js, PatternLab, …)
- Unix/Linux based OS (Client, Server)
- Version control, Git, Github, Gitlab
- Agile Methoden der modernen Software-Entwicklung
- Test-basierte Software-Entwicklung (Jest, Zope Test Runner, PyTest, Pipelines, …)
- Web Content Accessibility Guidelines (WCAG)
- Tools and methods for accessibility tests, audits

Things I like to learn or deepen knowledge on

- Docker & Kubernetes
- Creating web designs, color theories, typography

References

The following references are just a small subset of the projects I've done. Some projects and websites have been updated since then, some can't be mentioned publicly due to NDAs.

ITAD e.V., Germany — 2019 - now

- Development and support of the Plone based ITAD e.V. website (https://www.itad.de)
- Theming
- Customer specific development for newsletter, collections, authentification
- Integration of CiviCRM as authentication provider

Slow Food Deutschland, Germany — 2018 - now

- Development and maintenance of the Plone based Slow Food Deutschland e.V. website (https://www.slowfood.de)
- Theming
- Development of customer specific Plone applications (e.g. restaurant guide, exhibition management)
- Development and support of the Plone hosting infrastructure

DYNAmore GmbH, Germany — 2017 - now

- Development for several Plone websites (e.g. https://www.dynamore.de)
- Theming
- Development of customer specific add-ons

Propertyshelf, Inc., United States – 2009 - 2018

- Development and maintenance of a high available real estate platform using Python, Zope 3, Chef, Ansible and multiple cloud hosting provider
- Development and setup of Plone based websites (in-house and customer)
- Development, operation and support of a Plone hosting infrastructure