



Andreas Klein

Freelance Front-End Developer / UX-Designer

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As a freelance Frontend Developer, I create accessible and intuitive Web-Interfaces for Humans.

I help Agencies and Companies to realize large scale projects with a focus on Responsive Webdesign, Accessibility, Webstandards, Performance, Coding-Guidelines, Styleguides, Workflows and choosing the right Tools and Frameworks. Outside of the web, I'm a proud father of two beautiful children, a passionate freestyle skateboarder/snowboarder and I like the taste of good espresso.

If there is still time, I write on my personal blog <http://ixis.io> about Frontend Stuff, Accessibility and Node.js programming.

My other Profiles on the web:



twitter.com/ixisio



github.com/ixisio



xing.com/andreas_klein156

Skills

Quick Overview

- Frontend Development and Consulting
- Workshops, Trainings and Coaching
- HTML5 (Audio, Video, Canvas, Specs, ..)
- Component based Development
- Git & Github Workflows
- Development of accessible Userinterfaces
- CSS Preprocessing (LESS & SASS)
- CSS Postprocessing (Rework, Pleeease)
- MediaQueries / Respond.js
- Frameworks: Bootstrap, Foundation, HTML5Boilerplate, normalize.css
- Coding Pattern/Conventions (CSS): BEM (SUIT), SMACSS
- Templating: JSX, Jade, EJS, Jekyll or Markdown
- JavaScript:
 - Coding Pattern MVC, AMD
 - Frameworks React.js, Backbone.js
 - Deployment and Code-Automation
 - ECMAScript 6, Babel.js
 - Realtime with Websockets
 - Unittesting TDD, BDD
- Node.js
 - MVC / ORM Pattern
 - Database: MongoDB (Mongoose), Redis
 - Frameworks: Webpack, Grunt.js, Gulp, Yeoman, Express, Socket.io

Declarativ Languages

HTML

- Depth Know-how of HTML semantics and specifications
- Familiar with elements of the HTML specification version 5 (Audio, Video, Canvas, ..)
- Proven in use of Language-Supersets / Precompilern / templating languages like Jade, EJS or Markdown
- Accessibility: Good knowledge of accessible development for screenreaders on mobile and desktop devices.

CSS

- Creation of responsive websites and applications with MediaQueries / Respond.js / RESS
- Very good knowledge of CSS Pre / Post Processors LESS.js & SASS, Pleeease
- Scaffolding: Familiar with Frameworks like Bootstrap, Foundation, HTML5Boilerplate, use-init
- Consistent Coding Pattern/Conventions: BEM, SMACSS, Idiomatic.js

Scripting Languages

JavaScript

- Buildsystems with Grunt, Gulp or Webpack
- Familiar with ECMAScript 6 & 7 Elements (Generators, Modules, ..)
- ECMAScript 6/7 Transpilers to ECMAScript 5 like Babel.js
- Proper use of the coding pattern MVC, AMD, OOP
- Familiar with Frameworks like React.js, Backbone.js, Ember, jQuery
- Realtime Applications with Websockets
- Canvas API is a familiar work equipment
- Javascript Supersets like Coffeescript
- Test-Driven Development (TDD, BDD) is a well-known process (Jasmine, Jest, Karma, Mocha, Qunit)

Node.js / io.js

- Competent handling MVC / ORM Pattern
- Familiar with document-based databases such as MongoDB and Redis

- Tools & Frameworks: Webpack, Grunt.js, Gulp, Yeoman, Express, Mongoose

General Tools, Methods and other Services

- Workshops, Trainings and Coaching
- Code Reviews and Analysis
- Component-based Development
- Mobile first, Offline first, Touch-First
- Material Design Guidelines from Google
- Test-Driven-Development, TDD & BDD
- Working with Pull-Request in Teams
- Jira (Agile) & Confluence, Git & Github Workflow
- Scrum & Canban

Project Experience

Vaillant, Saunier Duval Brand Group // Websites

- Customer: Vaillant Group Business Services GM
- Role: Front-End Developer
- Date: July 2014 - December 2015
- Technologies: "Component based Development", Grunt, Javascript (jQuery), SASS (CSS3), HTML5, Accessibility, Responsive Web Design

<http://www.vaillant.de/>

<http://www.vaillant.com/>

<http://www.saunierduval.com/>

Share A Camper // Website, Portal

- Customer: ShareACamper GmbH
- Role: Front-End Architect & Developer, UX-Designer
- Date: Juni - August 2015
- Technologies: Grunt, Browserify, SASS, Material Design, Responsive Design

<https://shareacamper.co.nz>

MPS Public Solutions // Application

- Customer: MPS Public Solutions GmbH
- Role: Front-End Architect, Coach
- Date: Mai - Juli 2015
- Technologies: Coaching, Angular.js, Grunt, SASS, Scrum, Teams Processes & Workflows

<http://www.mps-solutions.de/>

Aktion Mensch // Accessibility Workshop, Training

- Customer: Kuehlhaus AG (Aktion Mensch e.V.)
- Role: Workshop Speaker
- Date: Juli 2015
- Topics: Accessibility, Website Architecture

<https://www.aktion-mensch.de/>

<http://www.kuehlhaus.com/>

Stadt Hamburg (LGV) // Workshop, Training

- Customer: LGV Hamburg
- Role: Workshop Speaker
- Date: April 2015
- Topics: Javascript, Backbone & Require.js, Grunt, SASS, HTML5, Accessibility, Scalability, Application Architecture

<http://www.hamburg.de/>

Vaillant Group // Corporate Website

- Customer: Vaillant Group Business Services GM
- Role: Front-End Developer
- Date: until 11.2014
- Technologies: "Component based Development", Grunt, Javascript (jQuery), SASS(CSS3), HTML5, Accessibility, Responsive Web Design

<http://www.vaillant-group.com/>

Aktion Mensch // Website, Shops

- Customer: Aktion Mensch, Bonn; Germany
- Role: Lead Frontend Developer, Consultant
- Date: until 03.2014
- Technologies: JavaScript (Grunt, jQuery), HTML5, CSS3 (LESS), Accessibility, Responsive Web Design

<https://www.aktion-mensch.de/>

Lightweight Proof // Website

- Customer: CarbonSports GmbH; Germany
- Role: Frontend Developer, Consultant
- Date: Feb 2014
- Technologies: JavaScript (Yeoman, jQuery), HTML5, CSS3 (SASS), Responsive Web Design

<http://lightweight.info/proof>

Magnetee // Application

- Customer: Magnetee
- Role: Frontend Developer
- Date: until 2013
- Technologies: JavaScript (Backbone.js, jQuery), CSS3 (SASS), PHP (Symfony 2), Amazon AWS

<http://magnetee.com/>

Quilt Poster // Application

- Customer: Quilt Poster
- Role: Lead Frontend Developer, Conception
- Date: until 12.2013
- Technologies: JavaScript (Backbone.js, jQuery), CSS3 (SASS), PHP (Symfony 2), Amazon AWS

<http://quilt-poster.com/> *(Meanwhile the page is offline)*

Bundesliga-Stiftung // Bundesliga Reiseführer

- Customer: Bundesliga-Stiftung
- Role: Frontend Developer
- Date: until 08. 2013
- Technologies: JavaScript (jQuery), HTML5, CSS3 (SASS), Responsive Web Design

<http://www.barrierefrei-ins-stadion.de/>

Adecco Brand Group // Websites

- Customer: DIS AG, Euro Engineering, Adecco Germany
- Role: Lead Frontend Developer
- Date: until 2012
- Technologies: HTML, CSS3, Javascript

<http://www.dis-ag.com>

<http://www.ee-ag.com>

Work Experience

Jan 2009 - present

Freelance Front-End Developer

www.ixis.io

Jul 2011 - Jun 2014

Frontend Developer - nexum AG

www.nexum.de

Oct 2010 - Aug 2011

Freelance Web Developer - Haimspiel Media GmbH

www.haimspiel-media.de

Jun 2010 - Dec 2010	Freelance Web Developer - Merida2 GmbH www.merida2.de
Jan 2010 - Jan 2012	PHP-Developer and Designer - CoreCMS (Open-Source)
Jun 2009 - Aug 2011	Application Developer eLearning - German Sport University Cologne www.dshs-koeln.de

Education

Apr 2008 - Sept 2011	Study of Physics - University of Cologne (until 2009) <i>Magisterium</i> Study of Sports and Performance - German Sport University Cologne <i>Bachelor of Science</i>
1998 - 2007	Comprehensive school, Willy-Brandt Cologne <i>Graduation from high school</i>
1994 - 1998	Primary School, PPS Cologne

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