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PROFESSIONAL EXPERIENCE

Nov 2021 – today

FFW

Hamburg, Germany

Solution Architect

Technical consulting and strategy on key clients.

Clients

- **AMC**, <https://www.amc.info>
- **Budnikowsky**, <https://www.budni.de>
- **TUI Cruises**, <https://www.meinschiff.com>
- **ZDF**, <https://www.zdf.de>

Nov 2020 – May 2022

Neustadt XO Ventures

Hamburg, Germany

Co-Founder, CTO

Technical consulting. Front- and back-end development.

Projects

- **Park in the City**
Platform for arranging visitor parking permits.

Nov 2018 – Nov 2021

Freelance

Hamburg, Germany

Freelance Consultant & Developer

Technical consulting and support. Front- and back-end development.

Clients' projects (synopsis)

- Technical consulting at **FFW** – working on the BUDNI platform.
- Technical consulting at **Ubilabs** – working on projects for Google (e.g. Demos for WebGL-powered Maps features, Research for COVID-19 map, Research for Google Earth Voyager).
- Technical consulting at **NU Business** (a subsidiary of Unilever Germany)
- Technical consulting at **DOKYO**
- Technical support at **Dept Design & Technology** – working on the development and maintenance of several e-commerce platforms for their client OTTO.
- **Discovery Dock**, <https://discovery-dock.de>
Developing backend infrastructure of a multi-device and peripherals based exhibition.

Jan – Oct 2018

Superunion, <http://www.superunion.com>

Hamburg, Germany

Berlin, Germany

Freelance Technical Consultant

Building a digital taskforce in collaboration with client management, strategy and creation, Evaluating processes and workflows, Customer contact and guidance from a technical perspective, Technical project management.

Projects

- **Swiss Delice**, <https://www.swissdelice.com>
Relaunch of website.

Jul 2016 – Dec 2017

Freelance

Hamburg, Germany

Freelance Consultant & Developer

Technical consulting and support. Front- and back-end development.

Clients' projects (synopsis)

- **Gerry Weber**, <https://www.gerryweber.com>
Relaunch of e-commerce website.
- **SOAP +AND SONS**
Relaunch of website.

Own projects

- **ZUGSPITZE 360°**, <https://www.zugspitze360.com>
Extensive web app that allows to virtually climb the tallest mountain of Germany through 360° panoramas embedded like Google Street View.

Feb – Jun 2016

Yours Truly, <http://www.yourstruly.de>
Hamburg, Germany

Consultant Technology

Technical consulting and strategy on key clients.

Clients

- **Bauwelt**, <https://www.bauwelt.de>
- **European XFEL**, <https://www.xfel.eu>
- **NIVEA Men**, <https://www.nivea.de/niveamen>

Aug 2013 – Feb 2016

Freelance
Hamburg, Germany

Freelance Developer & Consultant

Technical consulting and support. Front- and back-end development.

Clients' projects (synopsis)

- **QVINT**, <http://www.qvintphoto.com>
Front-end architecture and development of a photography e-commerce platform.
- **DOKYO**
Interim project management and technical support for several Unilever projects.

- **Fisherman's Friend**
CRM Tool for annual birthday compliments.
- **Google**
Demo for Google's Enterprise Day: A fictional brand revolving around supply and logistics focused to showcase the added value Google technology in particular Maps, Search, Apps and Compute Engine can provide. Several examples based on Google APIs.

Own projects

- **Polyshare**, <http://polyshare.org>
Utility for easily sharing GPX tracks, in beautiful Material design.
- **Getmapped/at**, <https://getmapped.at>
A public tool that receives Swarm check-ins in real-time and puts them on a map, which is configurable and ready to be published where one wants it to be.
- **Futurejazz**, <http://futurejazz.com>
Platform for rebroadcasting David Bassin's weekly radio shows.
- **Google Maps Views**
Contributed hundreds of photospheres to the Google Maps Views program.

Jul 2012 – Jul 2013

DDB Tribal, <http://www.ddb-tribal.com>
Hamburg, Germany

Group Head of Creative Technology

Key involvement in the establishment of a multidisciplinary "Prototyping" department, which primarily had a technical focus. Advisory work on various committees, task forces, as well as for the customer. Prototyping of ideas.

Jan 2009 – Jul 2012

Freelance
Hamburg, Germany

Freelance Developer & Consultant

Technical consulting and support. Front- and back-end development.

Clients' projects (synopsis)

- **Ben & Jerry's**, <http://fairicetour.de>
Google Maps mashup for accurately locating the Fair! Ice Tour

Bus during the 2 months enduring campaign rolling through Switzerland, Austria and Germany. Based on Google Latitude and Google+, locations and updates were refreshed every minute and broadcast to users desktop or mobile devices.

- **Interone**
Interim project management for several BMW projects.
- **Volkswagen**
Prototype for visualizing cars on mobile platforms. Built in HTML5, the work presents the exterior and interior of a sample car. Customizable features, it also includes a day/night mode.
- **The Children's Museum**, <http://www.smcm.org.eg>
Installation and set-up of two Magic Planets.
- **Volkswagen**, <http://up.de>
Frontend-Development of the campaign website for the market launch of the compact car Volkswagen Up!
- **Success Charter Network**
Program to map and allocate addresses of NYC students.
- **MINI**
Rollout of country-specific websites.
- **Unilever Germany**
Technical support in the launch of campaigns and product pages of the DOVE brand.
- **DOKYO**
Interim project management for several Unilever projects.
- **O2 Germany**
Online survey.
- **Haus der Natur**, <http://www.hausdernatur.at>
Installation and set-up of Magic Planet.
- **Koch, Neff & Volckmar**
Frontend-Development of a white-label shopping system for publishers and merchants.
- **Express Travel International**, <http://expresstravelinternational.de>
User interface and templates for a traveling portal
- Production of websites for **Robert Woge**, **Jack Culcay**, **LIRlo Japan**, **123buero**, **StudioC/E**, **Markus Seidel** and **Vodafone Mitgliedschaft**.

Own projects

- **Chuchichechocha**, <http://chuchichechocha.com>
A project for presenting random and occasionally magic locations on planet Earth via satellite imagery at their highest available resolution.

- **Foursquare Map**, https://github.com/individual8/4sq_map
Development of an easy-to-use, open-source Google Maps mash-up, which pinpoints recent Foursquare check-ins.
- **Tangile**, <http://t7even.com/tangile/demo>
Development of my own, licensable content management system, demo available.
- **TreePrint**
Development of a web service for the output of large-scale ancestors and descendants trees, both in PDF format and as print. Still in development.

Jan 2007 – Dec 2008

Interone, <http://interone.de>
Hamburg, Germany

Technical Project Manager

Responsible for leading and coordinating a team of application and Flash developers within the technical unit. Conceptual elaboration and outlining of technical solutions and solution statements, assistance in developing and programming client projects, controlling the generation of exterior and interior imagery based on three-dimensional models, creation of installer programs for various desktop applications. Technical consulting and support of clients (including on-site), quality assurance and bug fixing, presale support (calculations and cost estimates).

Projects

- **BMW**
Application for visualization of exterior and interior features, as well as specific configuration of vehicles at the BMW dealer. Biannual extension by new cars and functions.
- **BMW**
Various interactive applications for user terminals in the BMW Welt.
- **Oldendorff Carriers**
Flash-based application for the Magic Planet, a spherical projection screen.
- Production of 3D imagery for various **BMW** projects.

Apr 2005 – May 2006

Fork Unstable Media, <http://fork.de>
Berlin, Germany

Technical Manager

In charge of managing inhouse development team. Technical consulting and support of clients (including on-site), assistance in developing and programming client projects, conceptual design of client requirements, and in non-technical aspects as well. Worked on Fork's technical profile and orientation, screening of new technologies and trends.

Projects

- **Adidas**
Campaign website for the French Open (Roland Garros).
- **Adidas**
Multi-lingual site for the outdoor brand.
- **Transmediale**
Website and movie trailer for the Arts and Media Festival.
- **Elternhaus**
Website of Unifaith Fragrance MoslBuddJewChristHinDao.
- **SportScheck**
Expansion and maintenance of the site and various campaign websites.
- **The Federal German Agency for Civic Education**
Expansion and maintenance of the Project P website.
- Various internal projects

Nov 2001 – Mar 2005

Freelance

Berlin, Germany

Freelance Developer

Technical consulting and support. Front- and back-end development.

Clients' projects (synopsis)

- Websites for **Melitta**, **Berlin Philharmonic**, **Le Meridien Munich**, **ELSA Switzerland** and **Triad**.
- Frontend templates for **BMW Welt** Management System and **Fritz Radio**.
- **Philip Morris** Intranet

Own projects

- **Yay Hooray! World Map**
World map with locations of Yay Hooray! members.

- **Yay Hooray! Birthday**
Birthday reminder service for Yay Hooray! members.
- **Subproletariat.de** Blog

Nov 2001 – Mar 2005

McCann-Erickson Communications House, <http://mech.de>
Berlin, Germany

Freelance Lead Developer

Front- and back-end development. Consulting and support of the inhouse development unit.

Projects

- **Christian Democratic Union (CDU)**
Website of chairwoman Dr. Angela Merkel.
- **Christian Social Union (CSU)**
Website of Dr. Edmund Stoiber, candidate for chancellor.
- **Christian Democratic Union (CDU)**
Website of Peter Harry Carstensen, prime minister candidate of Schleswig-Holstein.
- **Christian Democratic Union (CDU)**
CD-ROM with archived media content of the campaign.
- **Deutsche Post: Dialog Specials**
Interactive CD-ROM to support sales talk.
- **Siemens**
Various campaign websites for mobile and non-wireless phones.
- **Schering**
Various campaign websites for pharmaceutical products.
- **T-Online**
Christmas campaign website.

Jul 2004 – Jan 2005

FDTdesign, <http://fdtdesign.com>
New York City, New York, USA

Freelance Developer

Front- and back-end development. Consulting and support of the inhouse development unit.

Projects

- **InSite_05**

Website of the multi-national Arts Festival of San Diego and Tijuana with extensive, especially for the event developed content management system.

- **AgoraXchange**

Website and forum for the online community.

Oct 2000 – Nov 2001

Frog Design, <http://frogdesign.com>

Berlin, Germany

Developer Digital Media

Front-end development.

Projects

- **Heidelberger Druckmaschinen**

Style Guide for digital products.

- **Issey Miyake & Dai Fujiwara: A-POC Making**

Campaign website.

- **Shimano: 50+ study**

CD-ROM with interactive content.

- Websites for **Elixia**, **Neun Live**, **Update.com**, **United Metro Mags** and **Gloocorp**

May – Oct 2000

PopNet Kommunikation

Munich, Germany

Web Application Developer

Implementation of Gauss Enterprise's content management system VIP 5.0 for BMW Germany, Analysis and semi-automated adaptation of BMW.de and its multitude of dealer sites as preparation of integration into VIP 5.0, on-site backup of project relevant data.

EDUCATION

Apr 1999 – May 2000

SAE Institute, <http://www.sae.edu>
Berlin, Germany

Diploma Multimedia-Producer

Sep 1988 – Jul 1998

Goethe-Gymnasium
Freiburg, Baden-Württemberg, Germany

Major in French and fine arts.

Promoted to Freiburg Seminar, <http://www.freiburg-seminar.de> – scholarship in computer science.

PROFESSIONAL SKILLS

Process/Design

- Extreme Programming (XP) and Agile/Iterative Processes, Object-Oriented Design and Design Patterns, Functional Programming.

Languages

- Javascript, Node.js, PHP, Perl, Python, Ruby, Java, JSP, ASP, ActionScript (deprecated), Lingo (deprecated).

Related Technology

- HTML5, CSS3, Web Components, XML, RSS.

Tools & Frameworks

- LitElement/Polymer, Webpack, Bootstrap, jQuery, MooTools, Dojo Toolkit, Google Analytics.

Databases

- Firebase, MySQL, MongoDB, MS SQL, Oracle.

Hosting & Server Environments

- Google Cloud, Amazon Web Services, Github, Cloudflare.

Development Environments

- Versioning
 - Git, Subversion
- Editors
 - Visual Studio Code, Sublime Text, Eclipse, IntelliJ IDEA, Android Studio

CMS

- Drupal, TYPO3, WebEdition, MediaWiki, Imperia, Gauss Enterprise VIP, OpenCMS, Movable Type, Wordpress

OS

- Unix/Linux, Networking and administration
- Windows, Mac OS
- Android, iOS

LANGUAGES

German – Mother tongue

English – Advanced knowledge

Fluent in speaking, reading and writing skills

Spanish – Advanced knowledge

French – Basic knowledge

REFERENCES

The following people may be contacted for confidential references:

Robert Repnak

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