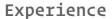# Marcel Fahle



## Profile

I am a Full Stack Developer with over 17 years of varied experience. Starting out making fancy JavaScript-RollOver-Effects in the old days, I spent many years building PHP-powered Flash and Flex Applications for corporations like Deutsche Telekom. Flash and later HTML5 video streaming apps and architectures were part of most projects.

After a few years of more serious backend development with Ruby and the Ruby on Rails Framework, I'm currently most fluent in JavaScript both on client and server. I'm not suffering from JS fatigue and am genuinely excited about modern frameworks and libraries, React and Redux being the combination I most frequently work with. That I crank out Pixel-Perfect, responsive and fast CSS in my sleep, goes without saying.

My "other" backend stack has evolved into Elixir and Phoenix, which I became very passionate about over the last few months.

I'm a hyper curious guy, which means I spend most of my free time reading books and articles and learning about things that interest me. To me, progress equals happiness.

Since 2010 I work 100% remotely from 20 different countries and therefore know how to stay disciplined and motivated. I am open for change and new opportunities.

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## Experience

### FREELANCE / CONTRACT DEVELOPER – 07/2006-PRESENT

Since 2006 I have worked with various clients, often as a subcontractor for internet and advertising agencies, to create web applications in a wide range of industries. The following list contains clients I work with on a regular basis:

#### VERY MEMORABLE; NEW YORK, NY

- Worked on multiple accounts for VM including PBS Kids and Children's Health Fund NYC. Technologies include: HTML5 Canvas Animation, JavaScript and Ruby.

#### SLR MAGIC; HONG KONG, HKSAR

- Developed reseller interfaces and video streaming solutions. Technologies include: Elixir/OTP, Phoenix, React, AWS Cloudfront, Bitmovin Player & Encoding

#### GEDANKENWERK; ESSEN, GERMANY

- Worked as a lead developer on dozens of projects for Deutsche Telekom, Nokia, ThyssenKrupp and others.

- Developed front- and backend for the Deutsche Telekom's Kids Football and Votingsite "Stollenstrolche" as well as it's successor "Stollenhelden".

- Did the entire frontend development for smart's 2010 international campaign "the smart class" in collaboration with Gedankenwerk and BBDO Proximity.

- Served as a project manager for Deutsche Telekom's Intranet Relaunch "You and me".

- Co-architected the video streaming infrastructure for Deutsche Telekom's Intranet worldwide and developed the backend to manage video content.

- Technologies include: Ruby, Ruby on Rails, RSpec, Cucumber, PostreSQL, MySQL, Flash Media Server, Wowza Media Server, VCS Media Server, as well as Flash and PHP pre 2009.

### 9ELEMENTS; BOCHUM, GERMANY
- I worked on multiple applications with 9elements including img.ly, a photo sharing app for twitter.

- Technologies include: Ruby, Ruby on Rails, RSpec, Cucumber, PostgreSQL, MySQL, AWS Cloudfront, Elixir/OPT, Phoenix, as well as Flash and PHP pre 2009

### OK KOMMUNKATION; MÜLHEIM, GERMANY
- I created the "Steelpuck" Video Streaming Platform for AOK Health Insurance (www.vigotv.de) and Ranger Marketing (www.ranger-marketing.de)

- Technologies include: HTML5, Flash, PHP, MySQL, Onlinelib VCS Streaming Server, Flash Media Server, Wowza Media Server, AWS S3, AWS Cloudfront

### ONEAPPS; NAERPES, FINLAND — 01/2017-PRESENT
For oneapps I recreated the backend for their successful iOS, Android and WebGL card game "Pidro". I ported the existing backend from CakePHP 2 to a high performant Elixir/OTP environment and was able to lower the server costs from $1500/month to $60 while gaining significant game performance and reliability.

### FDT PLATFORM EVANGELIST, POWERFLASHER; AACHEN, GERMANY — 03/2008-11/2008
With Powerflasher (now Interactive Pioneers) I traveled to various developer conferences around the globe to spread the love about FDT, the Flash Development IDE.

### WEB DEVELOPER, MAT-COMPUTING; BOCHUM, GERMANY — 08/1998-10/2006
As the only Web Developer I was responsible for creating interactive HTML and Flash based websites, often with custom build PHP based CMS or eCommerce solutions.


## Education
Commercial College, Bochum, Germany — Business Administration, 1995-1998

## Skills
JavaScript, HTML, CSS, SASS, PostCSS, JSX, CoffeeScript, jQuery, ReactJS, Redux, MeteorJS, Webpack, GraphQL, nextJS, zeit.now, Elixir/OTP, Phoenix, Elm, Vim, Shell, tmux, ZSH, Functional Programming, Design Patterns, DRY, MongoDB, PostgreSQL, PostGIS, MySQL, Heroku, Firebase, AWS (frequently EC2, S3, Lambda, Cloudfront, Elastic Transcoder), Linux (frequently Ubuntu, CentOS), Nginx, Unicorn, Docker, HTML5 Video/Audio, PHP, Wordpress, Twitter Bootstrap/Material Design, Agile, Scrum, Kanban, Adobe Photoshop, Sketch, Avocode, Invision…

## Additional Skills
German (native), English (fluent, written and spoken), Spanish (intermediate), Lithuanian (Beginner), Adobe Premiere, DaVinci Resolve, Final Cut

## Sample Projects

**Stollenhelden:** https://stollenhelden.de (MeteorJS, MongoDB, React, Docker, nginx)

**Pidro:** https://pidro.net/ (Elixir/OTP, Phoenix, AWS ec2, RDS, MariaDB, Elastic Load Balancer, S3, nginx, Ubuntu)

**Children's Health Fund - HRL:** https://hrl.nyc (HTML, CSS)

**Thomas and Friends:** http://pbskids.org/thomasandfriends/ (HTML5, Canvas Animation, JavaScript, Ruby, Middleman/Jekyll)

**European Aviation Network:** http://europeanaviationnetwork.com/ (React, Webpack, MongoDB, Material Design, nginx)

**Hifi Pawlak:** https://hifi-pawlak.de/ (React, Webpack, MongoDB, Docker, nginx)