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Web Developer

Degree

- DUT Information Technology degree at IUT Annecy le vieux, France
- Professional degree in Information Technology at IUT Castres, France

Professional experience

- 2010 to 2011: Web developer at NativeCommunications, Villeurbanne, France
- 2011 to 2012: Web developer at GawlittaDigitale, Berlin, Germany
- 2012 to 2013: Freelance Web developer
- 2014 to 2015: Web developer at Farm Radio International, Arusha, Tanzania
- 2016 to 2017: Front end developer at Sourcefabric, Berlin, Germany
- 2018: Freelance Web developer

IT skills

Back-end development

- Ruby with Ruby on rails and Sinatra framework as well as Jekyll
- PHP: wordpress, composer, slim, grav...
- Node.js with Sails.js & express.js framework, plus real time with socket.io
- Desktop app with electron.js (previously atom-shell)
- RESTful API development
- VCS: GIT
- MySQL, PostgreSQL & MongoDB
- TDD: Rspec, FactoryGirl, Protractor, Cucumber & mocha.js
- SMS and voice: Telerivet & Voto
- CI: Travis

Front-end development

- ES6, HTML5 & CSS3
- Javascript framework: Angular.js, React, Redux, Vue.js
- Tooling: Babel, ESLint, Prettier
- JS build systems: Webpack, grunt, gulp, npm scripts
- Mapping & Data visualization: Leaflet.js, mapbox.js, D3.js

Programming environment

- Ubuntu LTS with tmux, vim, vagrant, docker, lxc, zsh, ack & git

Projects

02/2018– Big shot
Land grabbing in Mozambique (data Viz)
Updating an existing data viz with a new UI and UX as well as a responsive design
Role: Developer
Stack: React, Redux, D3.js, Javascript
https://codeforafrica.github.io/BigShotsNew/
Status: online, completed

01/2018 → 09/2018 – Praise *Freelance*
Seed-stage journalism startup (NMA W18)
Development of a news aggregator like app (ala reddit) specific to quality journalism with a modern "serverless" approach using an Angular.js SPA frontend connected to Firebase
Role: Developer
Stack: Angular.js, Firebase, FCM, Algolia, Javascript
https://praise.press
Status: online

09/2016 → 07/2017 – Liveblog - *Sourcefabric, Berlin, Germany*
Frontend JS, real time live blogging platform
As a frontend developer: modernisation, improvement and maintenance of a mature codebase alongside three other developers
Role: Front-end developer
Stack: Python, eve, mongoDB, ElasticSearch, Redis, Angular.js, JavaScript, Protractor
https://github.com/liveblog/liveblog/
Status: in production, actively used

10/2014 → 11/2015 – Uliza - *Farm Radio, Arusha, Tanzania*
Full stack Js, surveying platform for radios
Data visualization for radio broadcasters to see in real time incoming comments (via SMS with Telerivet) on the current aired radio program
Role: Full stack developer
Stack: JavaScript, Node.js, Sails.js, Socket.io, MySql, Angular.js, Angular-Material, Redis, Telerivet
http://uliza.fm
Status: in production, actively used

09/2014 → 10/2014 - Barza *- Farm Radio, Arusha, Tanzania*
Headless Wordpress with a custom frontend running on slim PHP
alongside a Discourse forum
Role: Full stack developer
Stack: PHP, Wordpress, WP-API, Slim PHP, Twitter Bootstrap
http://wire.barza.fm/en & http://discuss.barza.fm/
Status: offline

01/2014 → 08/2014 Farm Radio, Arusha, Tanzania
Development of a script writing tool
Role: full stack developer
Stack: Ruby, RoR, Rspec, ElasticSearch, Angular.js, Twitter
Bootstrap
Status: offline

06/2013 Freelance, Berlin, Germany
Prestashop plugin development for Schutzklick
Role: Developer
Stack: Prestashop, PHP, MySQL, Javascript

04/2013 Freelance, Berlin, Germany
Web development & front end responsive design
Role: Wordpress, Twitter bootstrap
Development of http://wearebattalion.com/
Status: offline, new version

01/2013 Freelance, Berlin, Germany
Role: Backend developer
Ruby on Rails, Rspec, Coffeescript, MongoDB
Development of http://www.raputation-casting.tv/
Status: offline

12/2012 – 02/2013 Freelancer, Berlin, Germany
PHP development & radius search system (location based) with Apache
Solr
Role: developer
Stack: PHP OOP, MySQL, ExpressionEngine, Solr, jQuery, APE server
Development of http://www.goingsoon.com/beta/

10/2011 – 05/2012 Gawlitta Digitale (now smartexpose), Berlin, Germany
Development of an SPA application to visual real estate expose
PHP OOP, MySQL, CakePHP, jQuery
Development of http://floor77.com (not online anymore)

06/2011 Bijoux4men, Lyon, France
Web development
PHP OOP, MySQL, Prestashop

Development of the online shop http://bijoux4men.com

Side projects

2015 → 2017 - Ansel
Digital photo management software based on electron.js
Node.js, React.js, Redux, Sqlite
Source code: https://github.com/m0g/ansel

2016 - node-libraw
Asynchronous bindings for LibRaw
Node.js, C++
Source code: https://github.com/m0g/node-libraw

05/2013 → 07/2013 - Metacarpooling
Meta search engine for carpooling opportunities
Ruby, Sinatra, Javascript, Twitter bootstrap
http://metacarpooling.com/en/ (no longer online)
Source code: https://github.com/m0g/metacarpooling