



Alex WERNER

Full-stack javascript developer

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Always code as if the guy who ends up maintaining your code will be a unstable nutcase who knows where you live.

Work experience :

Full-stack JS developer | Giraf World | Toulouse, France (31) : Apr. 2016 – Nov. 2016 (permanent position)

In charge of building and maintaining a REST API using Node.js. Using a lean startup methodology with an initial MVP and quick iterations on a developer-driven (Mobile first) and agile workflow. Creative/proactive force, strong entanglement with the team (trying to answer the best their needs) and users. Working 55hr/week in average, I've dedicated more than 1700 hrs on this project.

Some of the skills I've brought on this project :

- ° **IT** : In charge of the infrastructure - multiples **debian** servers. (Scripting, task optimization, domain, **https** setup, **ipv6**, request monitoring, **microservices** architecture,...).
- ° **Database** designing : Using NoSQL : MongoDB, LokiJS
- ° **Dev** : Wrote **Back-end** API : **Recommender system**, Authentication, User feeds, Advanced search using **GeoLocalization** ... - benchmarking, optimization, scalability, automated testing. Built **front-end** as well using Angular (then React) using mobile-first css methodology. Wrote a procedurally image creator using GraphicsMagick.
- ° **BI** : **Data analysis** from all request done in order to drive our priorities, redesign under-used functionalities, and generate statistics (active users,...).
- ° **Used Technologies** : **NodeJS**, **HapiJS**, Webpack, **Angular**, Apache, SenecaJS, Grunt, Webpack, Bootstrap, Material UI, PHP (in order to trick meta-crawlers). GraphicsMagics. - Used but still learning : **React**, Docker.

Front-end developer | Vega France | Toulouse, France (31) : Mar. 2013 – Apr. 2015 (permanent)

Deep modification of the directory listing generation of the **Nginx** Engine, in order to make it look & feel like a user account manager system for the company clients.

Used technologies : JS, JQuery, CSS, Path tree recursivity, Dynamic asynchronous downloading, DOM modification.

Research and Development Engineer | Orange Applications for Business (OBS) | Blagnac, France : Oct. 2013 – Oct. 2015 (internship) :

Development of functionality for the Orange Pro Webmail. Binary search algorithms for advertising information grabbing over large CSV records.

Created hybrid mobile apps (responsive design for Mobile and Desktop) using a specific company Framework running on PhoneGap.

Wrote process documentation of unit, functional, integration **testing** and acceptance test for **Thalès**.

Used technologies : **HTML5**, JS, CSS3/SASS, **NodeJS**, Grunt, Hogan, Express, **MongoDB**, Mongoose, **Scrum**, Project Management, PhoneGAP, PHP, Debian (Fork maison), Batch

FrontEnd JS Dev/BackEnd ASP.NET Dev | WineDataSystem | Bordeaux, 33 : Apr. 2013 – Jul. 2013 (trainee)

Helped on a SAAS CRM in JS and "translated" the VB6 product information management system into ASP.Net MVC. API connected to a SQL Server DB. Virtualized environment setup using VMWare ESXi, SVN, Backup, Clustering. (2p team : helping the CTO)

PHP/C# Dev | ApartExpert | Mérignac, 33 : Oct. 2012 – Mar. 2013

Designed and build a PHP CMS using (ZEND/JQuery/Ajax). Created a little ERP Software in C# WPF. (Solo + Product manager)

PHP, PhoneGAP, C# Dev | Piquart Informatique SARL | Bègles, 33 : Jun. 2012 – Sep. 2012

Created E-Commerce website using PHP and HTML/CSS (2P team). Helped on a PhoneGap App (3p Team). Helped on the PHP/Front dev on a CodeIgniter Ecommerce webapp (5p+ Team)

Educations :

2012 : **TOEIC Certification** - 700

2011 – 2015 : **Expert in computing science and informations system**

Ingésup (Bordeaux – Y2,Y3 / Toulouse – Y4-Y5).

Laboratory :

- Y2-*Games*

- Y3 :*Rapid Prototyping (Arduino)*

- Y4-*Startup*

- Y5 : *Startup (as DirLab)*

Temporary delayed.

2010 – 2011 : **Licence Computing Science (L1)**

Université des Sciences Montpellier II

2007 – 2010 : **Baccalaureate in Sciences**

Lycée Henri IV (Béziers) – Speciality : Physics/Chemistry.

Self-educated :

- DevOps/DBA (2016-...)

- Web Dev (2003-..)

- Forex/Actions Trading (2008-2015)

- Crypto-Trading (2010-2015)

Side Projects :

NPM Packages : node-json-rpc2, hapi-cron-job.

Entrepreneur : ChillFlix, Scrumdoro, CryptoFX, Kupiparnya, Dreamovies (1 million hits in one year – 2008)

Freelance (2011-2015) : Backend/Front, mobile, software

First website : 2003 (ugly) at age of 11

First dollar earn with website work : 2007 (15y old)

Volunteer :

BackEnd/R&D Dev for DashCoin (2016)

Bitcoin Foundation Member (2014-2015)

WebDev for :

- Bateaushop.com (2008-2014)

- PandaCoin (Crypto) (Oct 14 – Early 15)

Hobbies :

Machine learning, Entrepreneur, OpenSource, Cryptocurrency (Blockchains), IOT, MAO, Trekking, Systema, Game Dev, Economy, Geopolitic, geostrategy

Skills :

Vanilla JS & NodeJS

NoSQL

SQL

PHP

C# (XAML)

Python

Java

Entrepreneurship/LeanStartup

SEO/SEM

CryptCurrency, Blockchains

Versioning (Git), Automated Testing

Project Management

Data analysis

Scripting

DevOps (Debian, Docker)

Next to be learned for 2017: Rust, Go, Docker, React.

Tools :

NodeJS/NPM, HapiJS, SenecaJS, Bluebird, Lodash, Webpack, Grunt, Express, JQuery, AngularJS, PostCSS, Mocha, Chai, Babel, Bootstrap, Phonegap, moment, socker.io, nodemon

In Progress : Docker, React

Linguistic :

English : Proficient - (witing/reading)

French : Daily-used

Russian : Medium- Native/Cultural language

