



Mehdi Lahlou

FULL STACK WEB DEVELOPER

medfreeman.io

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EXPERIENCE

Portfolio



Freelance

2011 - today

Full stack web developer & Linux system administrator – Geneva

Node.js, React, Redux, Vue, PHP, Wordpress, Drupal, OTRS, perl, python & bash development.

Open-source solutions consultant, i participate in all states of development, from concepts to continuous delivery & documentation through integration.

Solid backend and frontend skills, i design databases, APIs, websites, pwa, intranets, applications, with a keen eye for design, and a focus on performance and simplicity.

I have a special interest for Jamstack, react and vue based static CMS & frontend stacks using markdown + component extensions.

Linux hosting, devOps & networks, mail servers & ticketing, secure data sharing, backup & monitoring solutions design and administration.

Horus Digital Solutions

2007 - 2010

Systems & network administrator – Geneva

Linux (Debian, RHEL, FreeBSD), Windows (incl. Exchange) servers administration, computer equipment installation, automated deployment (~100) administration.

Hosting (LAMP + Plesk) server administration (~100 clients), maintenance & migration for a client, secure data erasing & user support for the UN library, secure data sharing, VPN.

PHP development, multi-room audio solutions and live video broadcasting.

HUG

2007

Technical writer – Geneva

Created the documentation of a closed source electro-mechanical system responsible for laundering the work clothes of the hospital's personnel.

University of Geneva

2006 - 2007

Website content planner & writer – Geneva

Created a new content structure for the computer engineering division's website.

Wrote the new content in partnership with the team, and managed the migration to the new platform.

EDUCATION

BTS IRIS

2004-2005

Diploma of "Computer engineering and Networks for Industry and Technical Services"

Lyon

DUT GTR

2003-2004

Networks and Telecommunications engineering

Annecy

Maths Sup

2002-2003

PCSI - Preparatory class for "Grandes écoles"

Chambéry



I heart

- NODE.JS ●●●●●
- ES6 ●●●●●
- WEBPACK ●●●●●
- JQUERY ●●●●●

and discover

- REACT ●●●●●
- REDUX ●●●●●
- POLYMER ●●●●●
- BACKBONE ●●●●●



I develop projects with and develop for

- WORDPRESS ●●●●●
- TRELLIS ●●●●●
- COMPOSER ●●●●●
- DRUPAL ●●●●●
- ATRIUM & COMMERCE ●●●●●
- MAGENTO ●●●●●
- PRESTASHOP ●●●●●
- OPENCART ●●●●●



I use

- BOOTSTRAP
- FOUNDATION
- TACHYONS
- SASS
- LESS
- POSTCSS
- CSS MODULES

and respect

- VALIDATION
- ARIA
- MICRODATA
- SEO
- OOCSS
- ITCSS
- BEM
- THIS SIMPLE GUIDE
- PERFORMANCE



I daily use

- GIT
- GITHUB
- BITBUCKET

setup & administrate

- REDMINE
- BUGZILLA
- JENKINS
- GIT & SVN SERVERS

and provide

- CODE LINTING
- UNIT TESTING
- PACKAGING
- DOCUMENTATION

through

- TRAVIS & CIRCLE CI
- APPVEYOR
- COVERALLS



I administrate

- DEBIAN / UBUNTU
- APACHE / NGINX
- MEMCACHED
- MYSQL / MARIADB
- DUPLICITY
- ZABBIX
- OTRS

design & manage

- BACKUP STRATEGIES
- MONITORING POLICIES
- MAIL SERVERS
- TICKETING SYSTEMS
- SMALL NETWORKS

host using

- LXC
- DOCKER
- ANSIBLE
- AWS
- LINODE

secure with

- GRSECURITY
- FAIL2BAN
- LET'S ENCRYPT

provide

- GOOD PRACTICES
- DOCUMENTATION



I've also done

- SQL database design
- Rest API design
- Cisco ASA configuration
- Exchange administration

Other languages

- English ●●●●●
- French ●●●●●
- Bash ●●●●●
- Perl ●●●●●
- Python ●●●●●
- Lua ●●●●●
- Java ●●●●●
- C++ (& Qt) ●●●●●
- Obj-C ●●●●●
- Assembly ●●●●●

Other skills

- Live & streaming video broadcasting
- Video editing
- Graphic design
- Simple 3D modeling
- Vjing & Mapping
- Computer vision
- Interaction design
- Multiroom audio
- Raspberry Pi solutions

Hobbies

- Movies
- Reading
- Technology
- Sci-Fi at large
- Board games
- Card games
- Video games
- Voluntary work for cultural entities

and i'm proud of

Having designed an email server that has a 3 year uptime right on the second try