



# Mehdi Lahlou

SOFTWARE & DEVOPS ENGINEER

medfreeman.github.io

mlahlou@protonmail.ch



## EXPERIENCE

### Portfolio



### Freelance

2011 - *today*



#### Full stack web developer & Linux system administrator – Geneva

Wordpress, node.js & React development.

Linux hosting, devOps & networks administration.

Open source specialist.

### Horus Digital Solutions

2007 - 2010



#### Systems & network administrator – Geneva

Linux & Windows servers administration.

Computer equipment installation, automated deployment & administration.

PHP websites development for third parties.

### 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.

## 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 master

WORDPRESS ●●●●●  
TRELLIS ●●●●●  
COMPOSER ●●●●●

## and develop for

DRUPAL ●●●●●  
ATRIUM & COMMERCE  
MAGENTO ●●●●●  
PRESTASHOP ●●●●●  
OPENCART ●●●●●



## I heart

NODE.JS ●●●●●  
ES6 ●●●●●  
WEBPACK ●●●●●  
BABEL ●●●●●  
JQUERY ●●●●●

## and discover

REACT & NATIVE ●●●●●  
POLYMER ●●●●●  
REDUX ●●●●●  
BACKBONE ●●●●●



## 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  
OPENSIFT

## 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 ●●●●●

## and i'm proud of

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

## 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