

## ABOUT ME

Passionate and very curious about new technologies. I am motivated and rigorous, I like to take on new challenges !

## CONTACT

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Paris



## EDUCATION



**EPITECH**

Expert en technologies d'information

2007-2012



**IUT FONTAINEBLEAU**

DUT Informatique

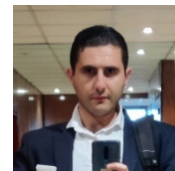
2006

**French** : Native

**English** : Fluent (TOEIC 880)

# SAMI KHEMSI

## TECH LEAD PHP / NODE JS



## GOAL

BRING AND SHARE MY EXPERTISE IN IT DEVELOPMENT

## EXPERIENCES

### LEAD DEVELOPER FULLSTACK FREELANCE

VEOLIA – PARIS

(March 2019 – today)

- Development and maintenance of a "Planning" application for managing Veolia truck routes under Symfony 4.4
- Interaction and development coordination with the various Android, Java and Angular teams within the RVD unit (Recycling and Recovery of Waste)
- Implementation of unit tests, integration tests and functional tests (Codeception, Karma.js)
- Implementation of Restful API for the various exchanges necessary for the proper functioning of the application.

Technical environment : Docker Compose (Nginx, Php, MongoDB), Symfony 4.4, PHP 7.3, Webpack encore, SCSS / HTML 5, RESTful API - CentOS 7, MongoDB 4.0, AWS : EC2 & ALB

## SKILLS



Agile SCRUM



Team Management



Mobile Development



Web Development

# TECHNICAL SKILLS

## DEVELOPMENT BACK-END

- PHP 5/7 (Symfony 2/3/4, Laravel 4/5, CodeIgniter, CakePHP, Yii, Zend) (Senior)
- Node.JS, Python (Confirmed)
- Java, Ruby on rails (Junior)

## DEVELOPMENT FRONT-END

- HTML5/CSS3, SASS, Compass, Twitter Bootstrap
- Javascript natif, jQuery, NodeJS (Gulp, Bower, Grunt,...),
- Backbone, EmberJS, Webpack
- Angular 8

## DEVELOPMENT MOBILE

- Apache Cordova, Ionic Framework, React Native, iOS, Android

## DATABASES

- SQL (MySQL, PostgreSQL, Oracle)
- No-SQL (MongoDB, CouchDB), Elastic Search, Redis, RIAK

## SOURCE CODE MANAGEMENT

- Git, SVN, Mercury

## CODE DESIGN

- Design Patterns (MVC, Strategy, Observer, SOLID) , UML, Orienté objet

## GRAPHIC TOOLS

- Adobe Photoshop/Illustrator CS6

## ADMINISTRATION

- Nginx, Apache, lighthttpd, Varnish, Zimbra, Architecture réseaux (failover, VLAN, ...), VMWare vSphere/ESXi, Vagrant, Docker, Logstash, Kibana, Deployer, AWS, AZURE

## DEVELOPMENT TOOLS

- PHPStorm, Eclipse, Visual Studio

## CONTINUOUS INTEGRATION

- Jenkins, GITLab, CI/CD

## UNIT TESTS

- JUnit, PhpUnit, Prophecy

## FUNCTIONAL TESTS

- Mink Behat, Codeception, Karma.js, Symfony Panther

## PROJECT MONITORING

- Forecast, JIRA, Redmine

## OTHER

- C++, Qt4/5, Asterisk (VoIP), FreePBX

## TECH LEAD FULLSTACK FREELANCE

### BERGER LEVRAULT – PARIS

(November 2018 – March 2019)

- Development of a patient portal (for a clinic) in Symfony 4.1, development of an internal API with Api Platform (SF4) to be able to interact with another portal (backoffice developed by a different team under AngularJS).
- Interaction with different business REST APIs (Billing, Former patient stays, Comfort, Hospitalization)
- Coordination of the different development, graphics and product teams in Agile SCRUM.

Technical environment : Docker Compose (Nginx, php, mysql), Symfony 4, PHP 7.2, NodeJS, Webpack encore, SCSS / HTML 5, API RESTful, Redis - CentOS 7, MySQL 5.7

## LEAD DEVELOPER FULLSTACK FREELANCE

### LEOO – PARIS

(April 2018 – November 2018)

- Implementation of the development planning with the CEO, weekly update concerning the monitoring of the planning of the different projects
- Management of 6 developers (4 backends and 2 frontends), daily scrum (stand-up) daily, code review, assistance during difficulties, management which lasted until the arrival of the CTO in September 2018 then handover until at the beginning of November
- Weekly meeting with project managers to determine the TMA of their respective projects
- Costing of new projects and costing of different improvement requests with the product owner and marketing project managers
- Drafting of technical documentation and functional specifications
- Meeting with customers to determine their needs, collect different information: their technical environment, their API or their exports.
- Implementation of unit tests (PHPUnit, Prophecy) and functional tests (Mink Behat) for continuous integration in certain critical projects
- Improvement of internal tools (Marketplace, after-sales service), brainstorming on improvements to be made
- Participation in interviews for the recruitment of new developer profiles and development interns

Technical environment : Symfony 2.8 / 3.x, Doctrine 2, MySQL 5.6, Clustering (Master/Slave), Memcached, Redis, Jenkins, nginx, Apache, Gulp, Webpack, Docker, Deployer (Automated deployment), Agile SCRUM, Forecast, Jira, Linux

## **DEVELOPER FULLSTACK FREELANCE**

### *FOODCHERI – PARIS*

*(November 2017 – April 2018)*

- Design and implementation of an AWS S3 uploader to download documents and product photos with bootstrap-fileinput
- Continue the development of some specific modules of the administration interface
- Implementation of a coupon management interface (promotion code)
- Implementation of unit tests (PHPUnit, Prophecy) and functional tests (Mink Behat)
- Maintain and improve the code, correct and process customer and user feedback

Technical environment : Symfony 2.8 + Doctrine 2, MariaDB, Clustering (Master/Slave), Memcached, Jenkins, nGinx, Docker, Agile SCRUM, Linux

## **CTO (CHIEF TECHNICAL OFFICER)**

### *FEELI – PARIS*

*(September 2015 – November 2017)*

- Establish the technical roadmap, strategy and technical architecture.
- CTO technical director of Feeli, N & TWORK (Toocook), coopteme.
- Connection with intermediate and end customers during the whole development process and realization of specifications.
- Design of customized Web and Mobile applications for various clients.
- Creation of a chat system, using Websockets (Ratchet PHP) + Redis + MongoDB
- Creation of an algorithm calculating the number of calories that a cooking recipe contains and returns a health note according to the ingredients of the recipe.
- Integration of Watermark using imagick on images uploaded by users, use of the FFMpeg API to extract photos (frames) from a video, cutting and assembling of several video extracts then save the result in video format.
- Creation of a chatbot specializing in "health advice" with different scenarios.
- Design and development of sites and plugins on different CMS: Wordpress, Prestashop, Joomla, Drupal.

Technical environment : Symfony2/3 + Doctrine 2, MariaDB, MongoDB, MongoDB Clustering (Master/Slave), CouchDB, nGinx, Redis, Docker, Docker Compose, Docker Swarm, Linux, Agile SCRUM, Linux

## LEAD DEVELOPPEUR FULLSTACK INTERN

LIBRE AIR – COURNONSEC (FRANCE)

(October 2012 – September 2015)

- Design and development of Web and Mobile applications for local communities and citizen initiatives
- Development of a backoffice for community agents for the management of administrative documents: CNI, Passport, CERFA document auto-completion with PDFtk
- Creation of a web application for the management of municipal by-laws with CodeCharge
- Creation and management of widgets for the Portaneo portal.
- Improvements and realization of modules for Open Source applications (OpenElec, OpenMairie, OpenCimetiere,...)
- Development of 4 mobile applications for local authorities (cleaning tour, Nice Blue Service, GRC requests) and Nice swimming pools
- Integration of SystemPay and PayBox payment APIs (PHP).
- Update of different opensource applications: compatibility PHP4 -> PHP5, MySQL 3,4 - > 5, Symfony 1 -> 2, addition of additional modules.
- Writing technical documentation and test reports.
- Technical referent for town halls and customers.
- Training of town hall agents in the different software installed within their municipality.

Technical environment : flat PHP, Symfony 1/2, Zend 1, MySQL 4/5, Sencha Mobile, Apache Cordova, RESTful, PostgreSQL 8, Oracle 10/11, Microsoft SQL, Elastic Search, Sphinx, Apache Server, TOMCat, nGinx (reverse proxy), Agile SCRUM, JUnit, PHPUnit, Jenkins, AWS, Windows server, Linux, VMWare ESXi