

## Azz-Eddine BERRAMOU

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**WEBSITE:** <https://www.berramou.com>

**DRUPAL PROFILE:** <https://www.drupal.org/u/berramou>

**ENGINEER, DEVELOPER AND CONTRIBUTOR PHP/DRUPAL 7/8/9/10, ANGULAR**

### Technical skills :

- ✓ **CMS & FRAMEWORKS :** Drupal 7/8/9/10, Symfony 3/4/5, Angular, Bootstrap/TailwindCss
- ✓ **DRUPAL :**
  - Modules / Themes custom development
  - Performance and optimization of Drupal sites
  - Use and configuration of contributed modules
- ✓ **WEB DEVELOPMENT:** PHP/POO/MVC, HTML5/CSS3/sass, JavaScript/Typescript/jQuery, Twig
- ✓ **SERVICES TIERS & MIDDLEWARES:** Varnish, Apache Solr, Elastic Search
- ✓ **WEB SERVICES :** GRAPHQL, REST, SOAP
- ✓ **CI/CD:** CircleCI, Jenkins, Capistrano
- ✓ **CONTAINERISATION:** Docker
- ✓ **OPERATING SYSTEM :** MacOS, Unix/Linux
- ✓ **DATABASE/SERVERS :** MySQL 5+, SQL Server, PL/SQL
- ✓ **METHODOLOGIES :** Agile/Scrum, Kanban, Conception UML 2, Merise
- ✓ **OTHERS :** GIT/SVN, Composer/npm, Redmine, Jira, Slack, Trello, Design Patterns

### Drupal contributions:

- ✓ Creator and maintianer of [Views year filter](#) module (*used by over 3000 sites*)
- ✓ Creator and maintianer of [Twig Views](#) module
- ✓ Creator and maintianer of [Re-assign user content/media](#) module
- ✓ Creator and maintianer of [Unlimited Fields Settings](#) module
- ✓ Co-maintainer of following modules [Leaflet More Maps](#) (*used by over 8000 sites*) - [Entity Embed Link](#) - [Muuri](#) - [Mapbox UI](#) - [Dynamic breadcrumb](#) - [Dynamic Field Type](#) - [Copysafe PDF Protection](#) - [CopySafe Video Protection](#) - [Copysafe Web Protection](#)
- ✓ Co-maintainer of [Semantic UI](#) (Drupal 8) theme
  - Ranked the 8th [developer](#) in 2019 on Drupal Stackexchange
  - Top 2% overall [developer](#) on Drupal Stackexchange

### Work experiences and projects :

## **EFFY CONNECT: Full-stack Developer Drupal 8/9, Angular**

july 2021 - present

- ✓ Development of new feautres and maintaining 4 Drupal websites of the company
- ✓ Preparation of custom modules for migration to Drupal 9
- ✓ Fix custom modules Coding Standars and Drupal Best Practice issues
- ✓ Update infrastucture for migration: update php docker image to PHP8.1
- ✓ Migration from Drupal 8 to Drupal 9
- ✓ Implementation of GraphQL custom fields such as new fields added to menu items
- ✓ Integration of SSO login with Azure Active Directory
- ✓ Development of new features and maintaining frontend websites developed with Angular
- ✓ Development of A energy-saving simulator with Angular 14
- ✓ Designing and developing new features and maintaining simulators of the company

**Technical Environment:** *Drupal 8/9, GRAPHQL, ANGULAR/NX, DOCKER, CERCLECI, TAILWINDCSS, Git[GITHUB], JIRA, Agile/Scrum*

**Refrrences sites:** <https://www.effy.fr/>, <https://www.calculeo.fr> , <https://www.laprimeenergie.fr>

**Refrrences simulators:** <https://www.effy.fr/simulateur> , <https://www.effy.fr/parcours/1/isolation> , <https://www.effy.fr/parcours/1/travaux-aides>, <https://www.effy.fr/formulaire/solaire>

## **ACTENCY: Drupal / Symfony Consultant**

December 2019 – june 2021

### **France Télévisions – Consultant Developer PHP / Drupal 8 / Symfony 4**

- ✓ Installation and configuration of different contributed modules
- ✓ Creation of different content types/entity types needed
- ✓ Configuration of search API and search indexes
- ✓ Development of new endpoint for search using search API
- ✓ Development of cron to automate publishing/unpublishing promoted content
- ✓ Development of custom Media library
- ✓ Creation of a daily trailer video retrieval system, cron job to fetch the correct video, error handling, and notifications to editors if the video does not exist
- ✓ Development of custom module for member statistics and searched keywords statistics
- ✓ Development of new endpoint for search autocomplete Drupal, and it's usage in frontend
- ✓ Code quality assurance: code review and bug fixing
- ✓ Deploiement via GITLAB CI / JENKINS
- ✓ SYMFONY 4: Implementation of a proxy for user management
- ✓ SYMFONY 4: Integration of Drupal REST API

**Technical Environment:** *Drupal 8, SYMFONY 4, DOCKER, JENKINS, Composer, Drush, Search API, Routing System, Services, Dependency Injection, Configuration API, Cache API, Entity API, Form API, Git[GITLAB], AT internet, JIRA, Agile/Scrum*

**Reference:** <https://www.francetelevisions.fr/>

## **VOID : PHP | Drupal Developer**

August 2017 - November 2019

### **Attijariwafa Bank Europe – Commercial Bank: PHP/Drupal 8 Developer (Feb 2019 - Nov 2019)**

- ✓ Designing UML data modules for the API
- ✓ Setup and configuration of CONTENTA CMS : it's a headless distribution built on Drupal 8+
- ✓ Creation of different content types/entity types needed
- ✓ Migration preparation: Cleaning and organizing data and converting it into CSV files
- ✓ Development of custom modules to migrate data from CSV using the Migrate API
- ✓ Configuration of Apache Solr server and search indexes
- ✓ Development of various API functionalities with search filters based on Solr indexes
- ✓ Code quality assurance: code review and bug fixing
- ✓ Technical support of the team

**Technical Environment:** *Drupal 8, CONTENTA CMS, Composer, Drush, Migrate, Search API, Solr, Form API, Git[bitbucket], Redmine, Agile / Scrum*

### **Wafasalaf Bank – Commercial Bank : PHP/Drupal 8 Developer (March 2019)**

- ✓ Audit the code
- ✓ Code quality assurance: code review and bug fixing
- ✓ Ensuring the application and execution of best practices (Drupal coding standards, Drupal Best Practice)

**Technical Environment:** *Drupal 8, PHP CodeSniffer*

**Reference:** <https://wafasalaf.ma/fr>

### **CDG Capital – Investment bank : PHP/Drupal 8 Developer (Nov 2018 - Feb 2019)**

- ✓ Back-end development: Development of custom modules
- ✓ Installation, configuration of modules, and implementation of new features
- ✓ Theming: Development of custom theme

**Technical Environment:** *Drupal 8, Views, TWIG, Composer, Drush, Git[bitbucket], Redmine, Agile/Scrum*

**Reference:** <https://www.cdgcapital.ma/fr>

**ACAPS – Government agency: PHP/Drupal 7 Developer (March 2018 - Oct 2018)**

- ✓ Installation and Configuration of different contributed modules (Paragraph, Search Api, media workbench, etc)
- ✓ Configuration of users, permissions and roles
- ✓ Configuration of content publishing workflow
- ✓ Creation of different content types/entity types, views needed
- ✓ Creation of different contact form using Webform module
- ✓ Development custom modules: News, Events, Job offers etc
- ✓ Maintenance and bugs fixing
- ✓ Updat core and contributed modules, patches management

**Technical Environment:** *Drupal 7, Bitbucket/Git, Form API, Block API, Views API, Features, Search API, Custom search, SASS, jQuery, Agile/Scrum*

**Reference:** <https://www.acaps.ma/>

**Wafa Assurance – Insurance Company: PHP/Drupal 7 Developer (Oct 2018 – Jan 2019)**

- ✓ Creation of different content types/entity types, taxonomies, views
- ✓ Installation and configuration of differents contributed modules
- ✓ Creation of different forms using Webform module
- ✓ Development of car and house insurance simulator
- ✓ Development of custom modules: Call for bids, Publications, Glossary, etc.
- ✓ Development of Drush commands for importing agency entities placed on the map
- ✓ Migrate the project from PHP5.6 to PHP7.1 and Adapt existing code to support PHP7.1
- ✓ Configuration of Memcache server and integrated with Drupal
- ✓ Theming: Development of custom theme
- ✓ Bug fixing and development of enhancements in Application Maintenance and Support

**Technical environment:** *Drupal 7, Webform/Form API, Features, Bitbucket/Git, Memcache, APCu, Opcache, Redmine, Agile/Scrum, Kanban, cache API*

**Reference:** <https://www.wafaassurance.ma/fr>

### **Attijariwafa Bank Europe – Commercial Bank: PHP/Drupal 7 Developer (Oct 2018 – Nov 2019)**

- ✓ Installation and configuration of different contributed modules
- ✓ Configuration and creation of users / permissions / roles, and different content / entity types
- ✓ Configuration of content publishing workflow
- ✓ Configuration of Apache SOLR server and integrate it with Search API module
- ✓ Implementation of specific autocomplete based on Search API Solr
- ✓ Development of custom modules such as Report digital, Publications, Events, news, Client testimonials, etc.
- ✓ Creation of custom forms using Form API
- ✓ Management of site configuration using Features module
- ✓ Development of custom entity for map, and create custom map block using block API
- ✓ Exploitation of external web service for importing map entities
- ✓ Theming: Development of custom theme and support frontend developers
- ✓ Preparation of different environments for deployment

**Technical environment:** *Drupal 7, Webform/Form API, Features, Bitbucket/Git, SCRUM, Block API, Views, Paragraphs*

**Reference:** <https://www.attijariwafabank.com/fr>

### **Jamiati – Academic organization : PHP/Drupal 7 Developer (Aug 2017 - March 2018)**

- ✓ Installation and configuration of different contributed modules needed
- ✓ Configuration and creation of users / permissions / roles, and different content / entity types
- ✓ Back-end development: Development of different custom modules needed such as Media library, custom forum, search
- ✓ Configuration of Apache SOLR server
- ✓ Setup advanced search with facets search api and SOLR
- ✓ Development of full custom Quiz module with specific logic of rating
- ✓ Creation of form using Webform and Form API
- ✓ Theming: Development of custom theme and support frontend developers
- ✓ Code quality assurance: code review and bug fixing
- ✓ Performances optimization: optimizing Server Side code, cache, and Assets

**Technical environment:** *Drupal 7, Bitbucket/Git, Form API, Block API, Views API, Features, Solr, Search API*

**Reference:** <https://www.jamiati.ma/fr>

### **Moroccan Interbank Payment Center – Financial institution: PHP/Drupal 7 Developer (Aug 2017 - Dec 2017)**

- ✓ Development of custom modules for the personalization of customer space
- ✓ Maintenance and bug fixing

**Technical environment:** *Drupal 7, Bitbucket/Git, REST API, Features*

**Reference:** <https://www.cmi.co.ma/>

**L'Bankalik – online bank / Dar El Mouqawil – Business Support Banking: PHP/Drupal 7 Developer (Aug 2017 - Jan 2018)**

- ✓ Add new features, and maintaining projects
- ✓ Configuration of additional contributed modules needed
- ✓ Maintenance and bug fixing
- ✓ Update core and contributed modules
- ✓ Make sure that other subsites in the same project working correctly
- ✓ Development of a new version of slider
- ✓ Configuration of Google Tag Manager for the lbankalik.ma subsite
- ✓ Deployment in different environments (staging, pre- production, production)

**Technical environment:** *Drupal 7, Bitbucket/Git, Views API, Drush, Block API, Features, Node export*

**Reference:** <https://www.lbankalik.ma/fr> , <https://www.daralmoukawil.com/fr/>

**Agence Botticelli Web : PHP/Laravel Developer Internship**

Feb 2017 - Aug 2017

**Mutuelles MEP – Assurance et mutuelle – PHP/Laravel Web Developer**

Development of the back-end API of the new web and mobile application for the personal space of members of MEP and SMENO mutuels

- ✓ Data model design in UML
- ✓ Maintenance and bug fixing
- ✓ Development of a RESTFUL web service from an old XML-RPC web service

**Technical environment :** *PHP, Laravel, Lumen Laravel, MySQL, Git/GitHub, Trello, UML*

**Blog personnel: Developer Drupal 9**

- ✓ Installation and configuration of different contributed modules
- ✓ Creation of different contenu types, Taxonomies
- ✓ Configuration and setup of search API
- ✓ Creation of custom modules needed
- ✓ Theming integration : twig / jquery / SASS
- ✓ Deployment via CAPISTRANO

**Technical environment:** *Drupal 9, CAPISTRANO, Composer, Drush, Search API, Git[bitbucket]*

**Reference:** <https://www.berramou.com>

**Formations :**

- ✓ **2012 – 2017 : Engineer's degree in Computer Science** – National School of Applied Sciences
- ✓ **2011 – 2012 : Bachelor's degree in mathematics** – Honors degree

**Langues**

- ✓ **English**           Fluent
- ✓ **French**           Native language
- ✓ **Arabic**           Native language