Muovo 2022

Headless WordPress With React Front-End

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# 1. Environment Setup

## 1.1 LOCAL Environment

### 1.1.1 Setup wp\_local:

* php 8.0.0
* nginx 1.16.0
* MySQL 8.0.16

**WP Admin**

* Username: Admin
* Password: EDS839djkl#

**in app\_node edit .env.local:**

* WordPress Url
* Faust key
  + can be found in settings -> headless

In wordpress add plugin: JWT Authentication for WP REST API

Edit the .htacces file with the following code:

RewriteEngine on

RewriteCond %{HTTP:Authorization} ^(.\*)

RewriteRule ^(.\*) - [E=HTTP\_AUTHORIZATION:%1]

add these to wp-config.php, and change the ‘your-top-secret-key’

define('JWT\_AUTH\_SECRET\_KEY', 'your-top-secret-key');

define('JWT\_AUTH\_CORS\_ENABLE', true);

## 1.2 WP Plugins

* JWT Authentication for WP REST API
* Advanced Custom Fields Pro (ACF Pro)
* Custom Post Type UI (CPT UI)
* WP GraphQL
* WPGraphQL for Advanced Custom Fields
* Classic Editor

## 1.3 React setup

### Create React app

Add dependencies:

* npm I react-icons
* npm I axios

Change .env.local file:

* the wordpress url
* faust secret key (can be found in settings 🡪 faust.js)

# 2. Theme Setup

Setup a new WordPress Environment with a blank theme: Muovo

Create post types using <https://generatewp.com> and copy the code into the Muovo theme.

Use ACF Pro (Advanced Custom Fields) to create WP Meta Boxes for custom fields on the post type and copy the code into the Muovo theme.

## 2.1 Data & Post Types



### 2.1.1 Users

#### 2.1.1.1 User Roles

* Company Admin
  + view applications
  + Admin of a company can:
    - create company on register (needs to be validated by admin)
    - create joblisting
    - publish joblistings (when paid)
    - can edit joblistings
    - can change company details
      * address
      * email
      * phone
      * …
* Company User
  + view applications
  + Is created by Company Admin
    - can post joblistings
    - can edit them
* Jobseeker
  + Can apply for jobs
  + upload/update his cv
  + manage job alerts
* Recruiter *(T.B.D)*

### 2.1.2 Companies

* Company Contact
  + Phone
  + Email
  + Website
  + Adress
    - Street
    - Town
    - Postcode
    - Country
    - Latitude
    - longitude
* Company Notifications
  + Notifications email
  + Notification frequency
* Company social
  + Facebook
  + Instagram
  + LinkedIn
  + Youtube
  + Twitter
* Company users
  + list of all user
    - company admin & company users

### 2.1.3 Jobs

* Title
* Content
* Author
* ACF
  + job id
  + featured
  + remote
  + external application
  + duration
  + company
  + active

### 2.1.4 Applications

### 2.1.5 Job Alerts

## 2.2 Menus

* Copyright menu
  + copyright page
* main menu (menu for user who are not logged in)
  + Home
  + jobs
  + single jobs (detail page of a job)
  + List of companies
  + single companies (detail page of a company)
  + Register
    - register company (admin)
    - register as a jobseeker
  + Login
  + Contact
  + pricing
  + HR talks (blog)
* company admin menu
  + Overview job listings (where he can see who applied for the jobs)
  + manage company
    - Edit company details
    - create company user
    - Shop
      * buy/renew job listing packages
* company user menu
  + Overview job listings (where he can see who applied for the jobs)
* jobseeker menu
  + overview job listing (his sectors)
    - detail job listing (where he can apply for the position)

## 2.3 Components

* Header
  + logo
  + navigation menu
* Footer
  + copyright menu
  + contact details
  + navigation menu
* Job card (archive)
  + cards that can be placed in an overview of all jobs
* job detail
  + button for applying (if logged in as jobseeker)
  + see al the details of the job listing
* job search
  + search through al jobs
  + filters
* company card (archive)
  + Cards for overview of all companies
* Company detail
  + Details of the company
    - contact
    - adress

## Sitemap

### public



### Company admin



### Company User



### Jobseeker



## 2.5 payment process

# 3. REST API

Disable default WP endpoints for security?

## 3.1 Permission Callbacks

* Admin
* Company Admin
* Company User
* Jobseeker

## 3.2 Custom endpoints

### 3.2.1 Jobseeker Endpoints

#### 3.2.1.1 Register Jobseeker





#### 3.2.1.2 Update Jobseeker CV

wordpressUrl/wp-json/rs/v1/cv/update



#### 3.2.1.3 Edit User Profile

* First Name
* Last Name
* Email
* Phone
* Password

wordpressUrl/wp-json/rs/v1/user/edit



### 3.2.2 Company Endpoints

#### 3.2.2.1 Register Company



#### 3.2.2.2 Update Company

wordpressUrl/rs/v1/company/update



#### 3.2.2.3 Add Company User



#### 3.2.2.4 Remove Company User



### 3.2.3 Job Endpoints

#### 3.2.3.1 Post Job

*wordpressUrl/wp-json/rs/v1/jobs*



#### 3.2.3.2 Edit Job



#### 3.2.3.3 Renew Job



#### 3.2.3.4 Close Job Applications



React libraries

<https://www.npmjs.com/package/react-select>

Improve performance react select:

<https://www.botsplash.com/post/optimize-your-react-select-component-to-smoothly-render-10k-data>

React pop ups

<https://sweetalert2.github.io/#input-types>