



## BIOGRAPHY

My journey in software development began when I was 11 years old and learned the basics of Pascal. After that came PHP, HTML & CSS which led me to the web development. When I finished the high school I wanted to find my first job to make the money and pay my studies. I found one in Ringier Axel Springer where I was responsible for Bistro.sk and its sub-projects.

With me on site, we did rework most of our front-end in the sub-projects and created a REST API for making our platform accessible and easier to maintain. This gave us an opportunity to use the front-end frameworks like Vue.js as well as maintain code for multiple applications in one palce. I was responsible mainly for creating the REST API in Symfony, creating and maintaining Vue.js SPA for restaurants' administartion, creating a Node.js web socket server which was deployed in Docker Swarm and many others.

When it comes to my career as a freelancer I had the opportunity to create the Vue.js + Three.js application for modeling and pricing the wardrobes, multiple REST APIs in Symfony and few of them in Node.js, 360° Image Viewer and 3D Model Loader for GLTF format in order to display models on the web. And, of course, I'm still waiting for more to come...

## PROFESSIONAL SKILLS

Web development

JavaScript

PHP

SQL

Vue.js

Angular

Symfony

HTML / Twig

Docker

CSS & pre-processors

WebGL (Three.js)

Unit tests (Jest, PHPUnit)

E2E tests

Others

Responsive Web Design

UX Design & Consulting

Performance Optimization

Docker & Docker stack

3D Web & WebVR

UI/UX Design

OpenSource Software

Google Cloud Services

Data Optimization

Documentation writing

## EXPERIENCE

From March 2019

FREELANCER

Dawid Grzegorz Zbiński - DEVELOG

From January 2018 to March 2019

WEB DEVELOPER

Ringer Axel Springer SK, a.s.

From January 2017 to January 2018

WEB DEVELOPER

Ringer Axel Springer Slovakia, a.s.

## EDUCATION

From October 2016 to March 2017

Computer Science

Akademia Górniczo-Hutnicza im. Stanisława Staszica, Kraków, Poland

From September 2012 to May 2016

Information Technology

Súkromná Stredná Odborná Škola Tatranská Akadémia, Poprad, Slovakia

## LANGUAGES

ENGLISH

Professional Level

POLISH

Native

SLOVAK

Native

## HOBBIES & INTERESTS

Cinema

Music

Gaming

Traveling



Dawid Zbiński  
DEVELOPER BY DEFAULT

Žilina, Slovakia



dawid@zbinski.eu



zbinski.dev



+421 951 297 380



## MORE ABOUT MY EXPERIENCE

### Ringier Axel Springer SK, a.s.

- Back-end: Symfony, Node.js, RabbitMQ, WebSockets (Socket.io), ...
- Front-end: Web Components, Vue.js, JavaScript ES5+, LESS/SASS, jQuery, ...

I was responsible for most of the Bistro.sk internal projects like Bistro Restaurant Administration, Bistro Driver, and many others. With me on site, we managed to refresh our code-base and split it into the multiple chunks which **resulted in better performance, improved quality of the code, and created faster, scalable, and automatic deployment process**. Specifically, I created and managed the following projects (mostly) by myself:

#### REST API:

- created for Bistro and its subprojects to simplify infrastructure, create re-usable, shared & centralized code across all the projects
- built mostly on **PHP stack (Symfony 4.2, Doctrine ORM, Redis + Sentinel, SwiftMailer, Twig, etc.)**
- strictly **followed the REST specification** in order to create maintainable code
- optimized Symfony **for Read-only environments** (which is pretty tricky)
- created **full CI/CD (Gitlab) for testing, building & deploying the project**
- built (from scratch) on top of Alpine Linux using docker, docker-compose and published inside docker swarm as a stack of services

#### WebSocket Stack:

- created for services like Bistro Driver for efficient communication between multiple clients
- built on **Node.js stack (express, socket.io, amqp)** with **RabbitMQ & ng-inx**
- **used amqp protocol** with RabbitMQ client to queue all the messages which made the project more scalable
- optimized for more than 500,000 requests per day from multiple sources

#### Bistro Restaurant Admin:

- created for the restaurants to give them the ability to analyze their sales and manage their presence on Bistro.sk
- built mostly on **Vue.js stack (Vue.js, Vuex, Vue Router, Vue CLI)**
- development env. configured and set up using **Webpack & Babel**, so we could use some of the functionalities from the new JavaScript versions/proposals which were not supported by the Vue CLI at the moment (optional chaining)

## Freelance Projects

- Back-end: Symfony, Node.js
- Front-end: Web Components, Vue.js, JavaScript ES5+, SASS, Angular, Three.js ...

Every offer I accept, I try to make it somehow unique or different from the others, both technically and personally. For each project I always tried to make my best and create a good product for a fair price. Also, each project has its piece of documentation & code-base (unfortunately, not many are public). Some of the recent projects I worked/still working on:

#### Wardrobe Studio, Mr. Wood FR (wardrobe.zbinski.dev - not finished yet):

- 3D web studio which gives the user an ability to create their own wardrobe with custom sizes/textures/spaces
- **built from scratch using Three.js, Vue.js & Vuex**
- **optimized rendering of the textures** by optimizing WebGL loaders, texture sizes/formats and garbage collection of JavaScript

#### 3D Viewer, AR Visual s.r.o. (not published yet):

- 3D viewer for models in GLTF format in Three.js, which was later replaced by the model-viewer web component
- **custom logic implemented in Three.js underneath the model-viewer** (live texture replacements, etc.)

#### 360° Picture Viewer, AR Visual s.r.o. (kavehome-preview.zbinski.dev):

- custom image viewer which loads the images taken from different angles and makes them interactive similar to the 3D model
- built from scratch in **Vue.js + TypeScript + Three.js** and **exported as a Web Component**

#### Websites, Multiple Clients (civicko.sk | pensionvasko.sk | zdiarholidaycottage.sk):

- simple websites for services built using Symfony, Doctrine ORM, JavaScript ES6+, ...
- implemented payment gateways like GoPay/Espago
- **worked on SEO and helped with SEM/SM campaigns**

and many other smaller projects ...



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Žilina, Slovakia



dawid@zbinski.eu



zbinski.dev



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OPEN-SOURCE EXPERIENCE

I try to help the community from which I learned so much by contributing and creating open-source projects, and by helping others on forums like stackoverflow.com.

GitHub: **flyrell**

StackOverflow: **Dawid Zbiński** (top 10% of contributors in 2019)

**axios-auth-refresh** ([npmjs.com/axios-auth-refresh](https://npmjs.com/axios-auth-refresh))

- simple library written in TypeScript for refreshing the authorization when using Axios HTTP client

**ng-dragonly** [unmaintained] ([npmjs.com/ng-dragonly](https://npmjs.com/ng-dragonly)):

- browser-agnostic angular module with directive that can be palced on any html element and make it movable on the website

**rest-api-url-builder:**

- very simple url builder

**Contributed to:** Symfony, Silex, js-tabby, axios, onepage-scroll, vue-date-picker, vue2-gmap-custom-marker, ...

I was the part of the core mentor team at **Azet Academy**, the program by Ringier Axel Springer SK, a.s., created to teach people to program in less than 3 months. **I was responsible for creating the timeline and the content of the academy** and in 2019 I became a leader of it. The fields I was focused on (mainly) are **Docker, Software Architecture, Network Communication, Security and last, but not least, Front-end technologies.**