# Marko Marković

# **Curriculum Vitae**

tech lead / software developer

Crafting code since 20th century and still thinking it's fun. Worked mostly with PHP, but got corrupted by Node.js's async nature in the last few years. Favorite quote? "I'd rather write programs that write programs than write programs."

# **Quick facts**

- Currently in **Abu Dhabi, United Arab Emirates** for work (2 years and counting), with a home base in Belgrade, Serbia.
- Born in 1980 Experienced analog childhood and a digital adulthood. Posesses both Generation-X cynicism and Millenial optimism and drive.
- Understands, speaks and writes in **Serbian** (native), **English** (full professional proficiency), and **German** (professional working proficiency).
- Prefers async communication: <a href="mailto:okram@civokram.com">okram@civokram.com</a>
- Sometimes uses the phone: +381 62 200 51

# **Experience**

- More than 15 years of professional experience in web development and related fields.
- Solid JavaScript knowledge, both back-end (preferred) and front-end.
- Relational, NoSQL, and Document based database experience.
- Used plain-old-http, REST, WebSockets, and GraphQL to communicate with many diverse APIs.
- Have no problem learning new languages, libraries, frameworks, etc.
- Developed on-line, off-line, real-time, specialized, generalized, and mixed applications.
- Wrote code to generate web sites, PDFs, images, graphs, and code.
- Works primarily in Linux.

## **Tech Lead — appsintegra** Abu Dhabi, United Arab Emirates



Nov 2018 ⇒ Present (2 years, 1 month)

node.js typescript reactjs graphql git esb microservices unit testing scrum agile

Leading a multi-cultural team of several developers and QAs, utilizing agile techniques and modern development practices, tools, and infrastructure to, in cooperation with other teams, deliver services linking government entities and end-users (TAMM Project, see below).

#### Developer — InertiaSystems ltd remote

Jun 2016 ⇒ Feb 2017 (9 months)

node.js autodesk-forge mongodb reactjs vue.js express

Creating the backend to manage, and convert Autodesk files to an intermediate format that the next layer of 2D and 3D viewers can load and show online. Extracting and organizing metadata of those files. Integrating viewer code with the infrastructure. Creating realtime chat and changes backend.

## VP of Engineering — Loyalis Belgrade, Serbia

node.js mongodb express angularjs git



Maintenance and improvements of the existing app, optimizing existing processes (including rewrites), implementing new functionality, and general server maintenance.

#### External developer — designessentials remote

May  $2014 \Rightarrow Jun 2015 (1 year, 2 months)$ 

php html css javascript mysql cms git



Development of several websites and custom CMSs for the agency.

## Primary developer — pixelimage Basel, Switzerland



Sep  $2014 \Rightarrow \text{Nov } 2014 \text{ (3 months)}$ 

php cordova mysql phonegap-build git

Complete development of a CMS for mobile apps. The user could create an app online, fill it with content and compile it for publish in the stores without leaving the browser. After publishing, app could be updated almost in realtime, without the need for republishing in the store.

#### Lead Developer — mediaONE Agency Belgrade, Serbia

Mar  $2012 \Rightarrow Jun 2013 (1 year, 4 months)$ 





Complete development of various projects (mostly websites with a custom CMS, but also a few mobile apps, CRM system, and bespoke business web applications).

#### Senior Software Developer — HALO Creative Agency

Belgrade, Serbia

Jul 2009  $\Rightarrow$  Mar 2012 (2 years, 9 months)

php cakephp amfphp jquery mysql postgresql git



Complete development of custom CMS solutions for a diverse list of clients.

# Programmer — Maccom Media Belgrade, Serbia



Apr  $2006 \Rightarrow$  Apr 2007 (1 year, 1 month)

php javascript jquery cakephp sql cms



Complete development of custom CMS solutions for a diverse list of clients.

# Programmer — Cactimedia remote

Sep 2005 ⇒ Feb 2006 (6 months)



php javascript sql cms

Complete development of custom CMS solutions for a diverse list of clients.

#### **Education**

#### **Computer Science**

Računarski fakultet, Belgrade, Serbia 2003 ⇒ 2007 Started working and never completed several remaining exams.

#### **General Linguistics and Information Science**

Heinrich Heine Universität, Düsseldorf, Germany 2001 ⇒ 2003

Halfway through, decided to switch to Computer Science in Belgrade.

#### Studiumkolleg

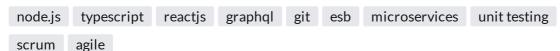
2018 ⇒ 2021

Westfälische Wilhelms Universität, Münster, Germany 2000 ⇒ 2001 Successfully finished.

# **Notable Projects**

## TAMM — Abu Dhabi Government Services

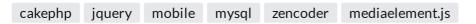




A unified system helping Abu Dhabi citizens and residents find and use Abu Dhabi government services and information. Enabling the government digital transformation by implementing various services linking the government entities with end-users, eliminating bureaucracy, and simplifying and streamlining processes and procedures.

#### **WAVE Industry Media**

2012 ⇒ 2013





A startup focusing on video publishing for industry. I've created the complete platform for managing videos, including upload, transcoding, and hosting, video player customization, embedding, search etc. I was the CTO and only developer.

# **Open Source**

#### This CV

vue vite tailwind css github pages puppeteer

Latest iteration of this CV, now built with Vue and Tailwind CSS, published to GitHub Pages, and generating a PDF version using Puppeteer.

#### sao-js-skeleton

javascript sao template skeleton

A tiny JavaScript project skeleton that I use for personal projects.

## simple-php-git-deploy

php git

A hook to automatically deploy the code using php and git. Mostly scratching my own itch for servers where direct ssh access is not feasible.

### serbian-gwertz-mac-keyboard-layout

Serbian QWERTZ keyboard layout for Mac OS. Probably obsolete by now as it hasn't been updated for a decade now.