Marko Marković
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: okram@civokram.com

- Sometimes uses the phone: **+381 62 200 512**

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   git

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

Jul 2015 ⇨ Mar 2016 (9 months)

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 ⇨ 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 ⇨ Nov 2014 (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 ⇨ Jun 2013 (1 year, 4 months)

php   cakephp   mysql   jquery   video   mobile   zencoder   git

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 ⇨ Mar 2012 (2 years, 9 months)

php   cakephp   amfphp   jquery   mysql   postgresql   api   cms   git

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

Programmer — Maccom Media Belgrade, Serbia

Apr 2006 ⇨ 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

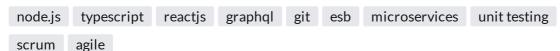Halfway through, decided to switch to Computer Science in Belgrade.

Studiumkolleg

Westfälische Wilhelms Universität, Münster, Germany

2000 ⇨ 2001

Successfully finished.

Notable Projects

TAMM — Abu Dhabi Government Services

2018 ⇨ 2021

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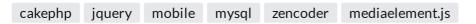
scrum   agile

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

cakephp   jquery   mobile   mysql   zencoder   mediaelement.js

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-qwertz-mac-keyboard-layout

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