Marko Marković

tech lead / software developer

Curriculum Vitae

Crafts code since 20th century and still thinks it's fun. Began the professional career with imperative style PHP, transitioned to Object Oriented style for a while but always felt something was not right. Then discovered functional style and got totally corrupted with Node.js. When not coding, plays around with photography, and/or searches for dark places to stargaze from. Favorite quote? *"I'd rather write programs that write programs than write programs."*.

Quick facts

- Currently in **Dubai**, United Arab Emirates.

- 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 using primarily okram@civokram.com.

- Can be reached on **+971 50 252 6569** phone number when in UAE or **+381 62 200 512** when in Serbia.

Experience overview

- More than 15 years of professional experience in web development and related fields.
- Familiar with agile practices and leading cross-functional teams to deliver value.
- Solid JavaScript knowledge, both back-end (strongly preferred) and front-end.
- Relational, NoSQL, and Document based database experience.
- Used plain-old-http, REST, WebSockets, GraphQL, and gRPC to communicate with many diverse APIs.
- Has no problem learning new languages, libraries, frameworks, paradigms, 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, but can endure other platforms.

Experience in more detail

Tech Lead / Engineering Manager — appsintegra

Abu Dhabi, United Arab Emirates
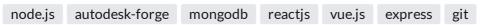
Nov 2018 ⇨ Jan 2021 (2 years, 3 months)

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)

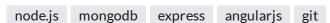node.js　autodesk-forge　mongodb　reactjs　vue.js　express　git

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)

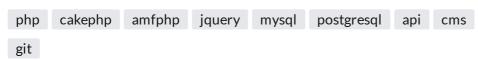`php` `cakephp` `mysql` `jquery` `video` `mobile` `zencoder` `git`

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)

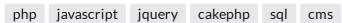`php` `cakephp` `amfphp` `jquery` `mysql` `postgresql` `api` `cms` `git`

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   pdf

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
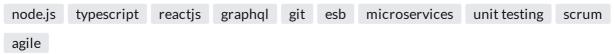2000 ⇨ 2001
Successfully finished.

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.

Love Letters to the Future
2009

cakephp   mysql   flash   webby winner

A global transmedia campaign aimed to raise awareness about dangers of climate change, a narrative game-like experience across the web, mobile and urban spaces. I've created the entire back-end CMS supporting all kinds of user-generated content (text, images, sound, and video) and the whole campaign management capabilities.

Open Source

This CV

vue   vite   tailwind css   unocss   github actions   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.

time-ago-lite

typescript   library   tests

A liteweight library to generate time ago string from a date. Never got around to actually publish it on NPM.

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.