

# 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 **Belgrade**, Serbia.
- 👤 Born in 1980 — Experienced analog childhood and a digital adulthood. Possesses both Generation-X cynicism and Millennial 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](mailto:okram@civokram.com).
- ☎️ Can be reached on **+381 62 200 512** phone number when in Serbia, or **+971 50 252 6569** when in UAE.

## 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

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### 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

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### 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

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### 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

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## [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 lightweight 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.

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