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Nikola Poša

Software Architect and Open-Source Contributor

Personal Statement

Software architect specializing in PHP driven applications and web services. Passionate about object-oriented design and best practices in software development. Advocates principles that ensure product quality, including automated testing and continuous integration/delivery. Exploits open-source luxury, but also unselfishly contributes back: <https://github.com/nikolaposa>.

Areas of Expertise

- PHP 5, PHP 7 with great experience across the entire LAMP stack
- SQL, NoSQL
- Object-oriented design
- SOLID adherence
- Automated testing
- API design
- Domain-driven design (DDD)
- In-depth PHP framework knowledge including Zend Framework, Zend Expressive, Symfony
- In-depth ORM knowledge including Doctrine 2, Eloquent
- JavaScript framework knowledge including jQuery, AngularJS
- Web systems administration

Experience

Head of Data Integration – Arbor Education | Belgrade, Serbia | August 2016 – Present

Arbor is a School Information System, which in addition includes several supporting applications. One of them is Data Integration - system for importing and synchronizing data between some 3rd party data source and Arbor, to facilitate school migration onto Arbor MIS. I designed and implemented a new data processing and synchronization system on top of open source solutions to replace the old one, increasing speed by an order of magnitude.

Technologies: PHP 7, MySQL, Beanstalkd, MongoDB, Redis, Git, Linux systems

Technical Lead – Humanity.com, Inc. | Belgrade, Serbia | March 2016 – July 2016

Humanity is the employee scheduling SaaS. As a Technical Lead, I was responsible for dictating technical standards, implementation of good development practices and flows, improving processes, mentoring newcomer colleagues, and more.

Technologies: PHP, MySQL, MongoDB, Redis, Git, Linux systems

Back-end developer – Humanity.com, Inc. | Belgrade, Serbia | December 2014 – July 2016

Humanity is the employee scheduling SaaS. I was responsible for development and maintenance of its API and supporting back-end applications.

Technologies: PHP, MySQL, MongoDB, Redis, Git, Linux systems

Web developer – Media Matrix d.o.o. | Belgrade, Serbia | December 2010 – July 2014

As a full-stack web developer, my job was to develop and improve platform that powers steadyhealth.com high-traffic website. I eventually got promoted to a leader of a team responsible for building new, improved steadyhealth.com engine from ground-up.

Technologies: PHP, MySQL, HTML, CSS, JavaScript (jQuery), Solr, Varnish, Git, Linux systems

Public Speaking

I've been speaking at PHP-related user groups and conferences since September 2015. Below are a few selected talks.

Journey through “unhappy path” – Dealing with exceptional conditions

php Central Europe Conference | November 2017

Composer tips

Laravel Belgrade Meetup #4 | December 2016

Dealing with exceptional conditions

PHP Srbija Meetup #15 | September 2016

Education

Specialist vocational engineer of electrical and computer engineering

ICT College of Vocational Studies (Specialist studies) | Belgrade | 2009 – 2010

Vocational engineer of electrical and computer engineering

ICT College of Vocational Studies (Undergraduate studies) | Belgrade | 2006 – 2009