



MICHAEL CZOLKO

Full Stack PHP & JS Developer

***Hello my name is Michael Czolko** and I'm a Software Developer from Prague, Czech Republic currently **living in London**. I have started with making web sites when I was young and it quickly became my passion. I was expanding my love for writing code on high school. I'm still hungry for knowledge. My goal is write cleaner code with proper architecture using productive tools. Necessary to say - I prefer quality over quantity! My secret dream is to get back to university and study machine learning or even deep learning! On the one hand it's just a dream and on the other hand chasing dreams is exciting and challenging as well.*

PROFILES

GitHub (<https://github.com/mCzolko>)

Stack Overflow (<http://stackoverflow.com/users/2548270/michael-czolko>)

LinkedIn (<http://cz.linkedin.com/pub/michael-czolko/46/685/145>)

App Store (<https://itunes.apple.com/us/artist/michael-cz/id674555865>)

Medium (<https://medium.com/@mczolko>)

PROFESSIONAL SKILLS

PHP

95%

OOP, Design Patterns, Dependency Injection, Object Relation Mapping (Doctrine, Propel), Caching (Redis, Memcache), PHPUnit, Symfony2 (also 1.4), Nette MVC, CodeIgniter + MySQL, MongoDB, DynamoDB

JavaScript

85%

OOP, ReactJS, Google Closure, VanillaJS, ExpressJS, NodeJS, Facebook FLUX, CoffeeScript, Gulp, Grunt, jQuery, Bower, NPM, Mootools, AngularJS, PhoneGap

HTML & CSS

70%

Canvas, SVG, LESS, Stylus, SASS, HTML5

Other

< 50%

Continuous Integration, C#, Unity, Obj-C, Swift, AWS, Adobe Photoshop, Chef, Puppet, Ant, MSSQL, Blender, Autodesk Maya

WORK EXPERIENCE

FEBRUARY 2015 - NOW

Blubolt Ltd.

PHP Developer in Bath, United Kingdom

Company built by two incredible guys which share passion for software development. Offices are located in beautiful Bath and it is a pleasure to work there. Blucommerce is an eCommerce platform and on top of it are built client websites. System offers huge amount of built-in features. My main responsibility was to integrate a new payment gateway called Pay with Amazon.

Technologies used: Strong OOP PHP, MySQL, OOP JS, Mootools, HTML5, CSS3, Git, Code review, Amazon Web Services, Nginx, Vagrant, Chef, Apache SOLR

SEPTEMBER 2014 - JANUARY 2015

Helastel Ltd.

Software Engineer in Bristol, United Kingdom

Web application agency which has their own startup - Lucid.

Project Lucid

Project similar to Salesforce and JIRA. Management tool for deliver software features with client access - instant feedback. Communication gateway within company and customers. Foundation was used in another projects thanks to complexity.

Project Plus Or Minus

Application based on Lucid's foundation. My main duty was security level of the platform. Permission logic for users within multiple groups. CRUD access to not just table but also to row and each cell. It was good stretching of my knowledge and I'm proud of the functionality what I have made.

Technologies used: Strong OOP PHP, CodeIgniter, Laravel, MariaDB, JS, jQuery, HTML5, CSS3, Mercurial, Apache

NOVEMBER 2013 - JUNE 2014

Iodine.com Inc.

JavaScript Developer startup based in San Francisco, working remotely

Also a very good experience. Modern technologies, code had to be clear as much as possible. Project focused on improving people knowledge about medicine. Application is ready for handling huge amount of requests and also works on mobile too. Amazing startup with future.

Technologies used: OOP Javascript, Facebook FLUX, NodeJS, ExpressJS, VanillaJS, ReactJS, CoffeeScript, Gulp, TDD, MongoDB, DynamoDB, Continuous Integration CircleCI, HTML5, CSS3, Git, Heroku, PhoneGap

APRIL 2012 - SEPTEMBER 2013

Devel.cz Lab s.r.o.

JavaScript & PHP programmer in Prague, Czech Republic

The best job I have ever had so far. I have learned so much incredible technologies and practices. Devel.cz Lab will be always close to my heart!

Project Wikidi.com

I worked on wikidi.com (<http://wikidi.com/>) during my first 5 months. It does comparing products on large database. The application has a lot of users. It was necessary to focus on scalability and performance of the whole project. First time in my life I had to write tests to my code.

Project Flowreader.com

Since finishing Wikidi project, I have become a full-time JavaScript developer on flowreader.com (<http://flowreader.com/>). We have build project from scratch and I had to decide what technology we will use on frontend because it is single page application. Decision was - Google Closure. The benefits were: Static analysis of the code (type checking) and compiler which squeeze the application into 40kb. When the application get bigger we had to add ReactJS. Rendering components became much easier to develop or debug. Great times!

Technologies used: OOP Javascript, NodeJS, VanillaJS, ReactJS, Google Closure, CoffeeScript, Grunt, Gulp, Strong OOP PHP, Nette MVC, ElasticSearch, TDD, Selenium, Doctrine ORM, MySQL, MongoDB, Continuous Integration, Redis, Memcache, XML, HTML5, CSS3, Git, Feature branching, Agile, Vagrant, Chef, Puppet

JULY 2011 - APRIL 2012

RightClick s.r.o.

PHP programmer in Prague, Czech Republic

This was the first job where I realised that software development involves more things then I thought before and OOP became necessary for doing things right. I got a lot of knowledge about application architecture. I have been working on an internal application that generates schedules for students for the Faculty of Philosophy at Charles University in Prague.

Main duties: Cooperation and creation of timeyou.com and also plugins for the payment gateways - PayPal and Google Checkout.

Technologies used: OOP PHP, Symfony 1.4, Propel ORM, YAML, MySQL, HTML, JS, CSS, SVN, Nginx

JANUARY 2011 - JUNE 2011

ALLIN1 s.r.o.

PHP programmer in Prague, Czech Republic

I worked on the discount portal [Zapakatel.cz](http://zapakatel.cz) (<http://zapakatel.cz>). My main responsibility was building a liability calculator Dobrapojistka.

Technologies used: PHP, CodeIgniter, Propel ORM, MySQL, HTML, JS, CSS, Bazaar SVN

OCTOBER 2008 - DECEMBER 2008

DarkYork s.r.o.

PHP programmer in Liberec, Czech Republic

Main duty was work on several microsites, questionnaires, and guest lists. First time meeting deadlines.

Technologies used: PHP (own FW), MySQL, HTML, JS, CSS

EDUCATION

SEPTEMBER 2010 - JULY 2011

Cancelled

University of Economics - Faculty of Informatics and Statistics in Prague, Czech republic

Study program focused on leadership and marketing.

SEPTEMBER 2006 - JULY 2010

Graduate

High School of Applied Cybernetics in Hradec Králové, Czech Republic

Study program focused on algorithms and OOP programming. Main languages was C# and C++.

INTERESTS

Programming

Yes, it is true. I really love programming and it has effect on my personal life. If I (or I'm forced to) do something wrong in code I'm usually sad outside the office. But my passion drives me to write neat and clean code as much as possible. I'm studying design patterns and best practices to keep myself on the edge in huge range of technologies and principles how to get things done.

Learning new things

Sometimes I take book or course of different part of software development to make my picture about programming wider. I feel that is important to know how designer or server admin see the application. I'm trying to find the path between these worlds to create happy place for colleagues to achieve the best experience for our users.

Freestyle biking

It was long time ago when I was hungry for adrenaline. I would like to start ride a bike again. Any sport helps me to get manageable energy which I can then divide to my profession and personal life.

RECOMMENDATIONS

Roman Ozana

PHP Developer at Testomato.com

Michael is great developer with sense for humor. He knows a lot about JavaScript and modern front-end technologies. It was nice to work with him. I definitely recommend him!

Roman Schejbal

Web Developer at Wikidi a.s.

Working with Michael is a pure fun, his geeky, nerdy jokes have made me cry for quite a lot of times. From the professional perspective, he is really keen and curious about technology. He has this - I would say feature - which is the fact that his code is usually cleaner than your toilet. It was my pleasure to work with him as you don't meet this type of guy very often. He also has a solid background about PHP & Symfony2, general design Patterns (when to use them as well), and even some mobile development I definitely recommend Michael as a Software Developer.

Jahid Zaynal

Online Engineer at Estee Lauder UK

Michael has real programming talent. He loves beautiful and maintainable code. He is quite passionate about re-usable code and the separation of logic from design. His passion is in a level that when he doesn't like the way people code around him (i.e. the 'wrong' way), he simply cannot stay there for long! I'd recommend him to the fullest.