



ALEXANDER MIKHALCHENKO

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SUMMARY

I'm skilled fast-learning developer with a strong mathematical background. Over the past years I have worked with a variety of web technologies and I'm experienced in backend (NodeJS, PHP), frontend (Javascript ES5, ES6, Angular, Aurelia, React), databases (MySQL, MongoDB, Redis) and Software architecture. I have good communication skills and 2 years of working in different teams.

I'm constantly looking for ways to apply and enrich my knowledge.

Looking forward to hearing from you!

TECHNICAL STRENGTHS

JavaScript (3 years)	ES5.1, ES6; Angular, Aurelia, JSPM, Bower, jQuery, React
PHP 5.3+ (2 years)	PHP7, Symfony 2, Symfony 1.4, Wordpress, Silex, Composer
NodeJS (1 year)	Express, NPM, Grunt, Gulp, Yeoman, Browserify
MySQL (2 years)	InnoDB; Raw and with ORMs; Doctrine, PDO
NoSQL: MongoDB, Redis (1 year)	ElasticSearch, Mongoose, MapReduce
HTML/XML (3 years)	HTML5, DOM, Canvas
CSS/SASS/LESS (2 years)	CSS3, Bootstrap, Flat UI
Testing	Mocha, Karma, Selenium, PHPUnit, Nightmare.js
AWS	EC, S3, SQS
Other Languages	Python (worked with OpenCV), Java, C/C++
VCS	Git, Perforce

EDUCATION

Belarussian State University, Belarus	<i>2012 – Present</i>
Bachelor Degree in Computer Science & Mathematics	
Minor in Intelligent Control Systems	
Courses taken: Algorithms and Data structures, Operating Systems, Calculus, etc.	
Average: 9.47	
Belarussian State University Lyceum, Belarus	<i>2010 – 2012</i>
Associate degree in Mathematics	
Average: 9.8	

EXPERIENCE

DualLab	August 2015 - Present
<i>Full stack Web Developer</i>	<i>Minsk, Belarus</i>
<ul style="list-style-type: none">· Development of the web client and the REST API layer on top of the legacy SOAP API· NodeJS + Express used for backend; Angular for frontend· Nightmare.js and Mocha for testing· Test-driven development· Agile Software Development (Scrum)· Recommendations from my team leader and colleagues can be found on my linkedin profile	

StarOfService*Full stack Web Developer*

April 2014 - August 2015

Paris, France

- back-end development (PHP, Symfony 1.4)
- integration with AWS (SQS in particular)
- data analysis & Mixpanel integration
- the TF-IDF based search engine for the homepage
- developing from scratch and maintaining the REST API for the iPhone app
- backend request moderation tool
- front-end development (Angular/jQuery)
- Agile Software Development (Kanban)
- Recommendations from the CEO, CTO and my team leader can be found on my linkedin profile

Athena Art*Wordpress Developer*

February 2014 - April 2014

Italy, Torino

- Wordpress customization (creating custom post type managers)
- Load speed optimization (page load time reduced from 1.5s to 0.03s with custom redis-based solution)

Itransition*PHP developer*

October 2013 - January 2014

Minsk, Belarus

- Symfony web developer (traineeship + work)
- Symfony 2.2 as backend, jQuery + Bootstrap 3 as frontend
- Worked on a shop catalog system

OTHER PROJECTS

E-Analytics*October 2015*

BI application with recommendation engine for retail and e-commerce (business analysis, feasibility study, marketing research)

Boxinator*September 2015*

Cloud-based workflow management system developed with NodeJS using Dropbox API. Presented at Minsk FinTech hackaton.

MMOPriceFinder.com*July 2014*

Dynamically updating World of Warcraft and other games inner currency rates. Developed with Symfony 2, Angular JS and Flat UI

MATHEMATICAL ACTIVITIES

International Tournaments of Young Mathematicians

- ITYM 4 – 1st place & gold medal
- ITYM 4 – 2nd place & gold medal (team leader)

July 2012, Paris, France
July 2014, Bremen, Germany

Belarussian Mathematical Olympiads

- 61st BMO – I diploma
- 62nd BMO – II diploma

April 2011, Belarus, Gomel
April 2012, Belarus, Gomel

Local Tournaments of Young Mathematicians

- XIV Belarussian TYM – 1st place (team leader)
- XV Belarussian TYM – 1st place (team leader)
- 2nd St.Petersburg TYM – 1st place (team leader)

December 2012, Belarus, Minsk
December 2013, Belarus, Minsk
March 2014, Russia, St. Petersburg