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 experenced 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.

Lookig forward to hearing from you!

TECHNICAL STRENGTHS

PHP 5.3+ (2 years)	PHP7, Symfony 2, Symfony 1.4, Wordpress, Silex, Composer
JavaScript (3 years)	ES5.1, ES6; Angular, Aurelia, JSPM, Bower, jQuery, React
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   *2012 − Present*

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   *2010 − 2012*

Associate degree in Mathematics

Average: 9.8

EXPERIENCE

DualLab   August 2015 - Present

Full stack Web Developer   *Minsk, Belarus*

· 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   April 2014 - August 2015

Full stack Web Developer   *Paris, France*

- back-end development (PHP, Symfony 1.4)
- integration with AWS (SQS in perticular)
- 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 moderaton 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

MMOPriceFinder.com
July 2014

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

Boxinator
September 2015

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

E-Analytics
October 2015

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

MATHEMATICAL ACTIVITIES

International Tournaments of Young Mathematicians
- ITYM 4 − 1st place & gold medal — July 2012, Paris, France
- ITYM 4 − 2nd place & gold medal (team leader) — July 2014, Bremen, Germany

Belarussian Mathematical Olympiads
- 61st BMO − I diploma — April 2011, Belarus, Gomel
- 62nd BMO − II diploma — April 2012, Belarus, Gomel

Local Tournaments of Young Mathematicians
- XIV Belarussian TYM − 1st place (team leader) — December 2012, Belarus, Minsk
- XV Belarussian TYM − 1st place (team leader) — December 2013, Belarus, Minsk
- 2nd St.Petersburg TYM − 1st place (team leader) — March 2014, Russia, St. Petersburg