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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

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 *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
Full stack Web Developer

April 2014 - August 2015
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

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 6 − 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