

ALEXANDER MIKHALCHENKO

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SUMMARY

I'm skilled fast-learning developer with a strong mathematical background. Over the past years I've worked with a variety of web technologies, I'm experienced in backend, frontend, databases and software architecture. Empathic communicator, I'm good at making public performances and presentations.

TECHNICAL STRENGTHS

| | |
|-----------------------------|---|
| JavaScript (3 years) | ES6, Angular, Aurelia, JSPM, Bower, jQuery, Isomorphic apps, JSLint |
| NodeJS (1 year) | NPM, Express, Grunt, Gulp, Yeoman, Browserify |
| PHP 5.3+ (3 years) | PHP7, Symfony (1.4, 2.*), Wordpress, Silex, Composer, Doctrine, PDO |
| Databases (2 years) | MySQL, MongoDB, ElasticSearch, MapReduce, Redis, SQLite |
| HTML/CSS (3 years) | HTML5, DOM, Schema, Canvas, SASS/LESS, CSS3, Bootstrap, Flat UI |
| Testing | Mocha, Karma, Selenium, PHPUnit, Nightmare.js |
| Other | AWS (EC, S3, SQS), Python (NumPy, OpenCV), Google&Dropbox APIs |
| VCS | Git, Perforce |

EXPERIENCE

DualLab

August 2015 - December 2015

Full stack Web Developer. Can't disclose product name due to NDA.

Minsk, Belarus

- NodeJS + Express used for backend, Angular for frontend
- TDD (Nightmare.js, Mocha), Agile (Scrum)
- Recommendations from my team leader and colleagues can be found on my linkedin profile
- + **REST API.** Created API on top of the existing legacy gSOAP API
- + **Web client.** Worked on the prototype for the web client.

StarOfService

April 2014 - August 2015

Full stack Web Developer

Paris, France

- PHP, Symfony 1.4 for backend; Angular, jQuery for frontend
- Agile Software Development (Kanban)
- Recommendations from the CEO, CTO and my team leader can be found on my linkedin profile
- + **AWS integration** (SQS, S3 integration)
- + **Sherlock** (TF-IDF search engine for service lookup)
- + **API** for the iPhone app
- + **Request moderation tool** (user scoring system, request similarity algorithms)
- + **Data mining and analysis tools** (Mixpanel, funnel setup, stats monitor: d3, Highcharts)
- + **UI** (Implemented new signup, search for pros & requests: Angular, Bootstrap).

Athena Art

February 2014 - April 2014

Wordpress Developer. Can't disclose product name

Italy, Torino

- PHP, Wordpress for backend, Custom legacy CSS framework & jQuery for frontend
- + **Wordpress Custom post type manager**
- + **Speed optimization** (Custom Redis-based caching solution)

Transition

Intern. Can't disclose more due to NDA.

October 2013 - January 2014

Minsk, Belarus

- Symphony 2.2 as backend, jQuery + Bootstrap 3 for frontend

Personal projects

Coding for fun and working on startups with my friends

2012 - Present

Minsk, Belarus

+ VOUFF

November 2015

Live image tracking and replacement on videos, hidden ads localization in videos. 2nd prize at Garage 48 hackaton (Nov 2015), participated in TechMinsk Accelerator (Feb 2016).

+ Gendalf TV

December 2015

App that sends videos from websites to your LG Smart TV, 1st place at LG Hackaton (Dec 2015).

+ ToTo.by

November 2015

My friend's project that accumulates all car-related information in Belarus, helping people to find service stations, sell and buy vehicles, etc (NodeJS, Angular).

+ E-Analytics

October 2015

BI application with recommendation engine for retail and e-commerce.

+ Boxinator

September 2015

Cloud-based workflow management system, participant of Minsk FinTech hackaton.

+ MMOPriceFinder.com

July 2014

WoW, FIFA and other games inner currency rates search.

EDUCATION

Belarussian State University, Belarus

2012 – Present

Bachelor Degree in Computer Science, minor in Intelligent Control Systems

Average: 9.4

Courses taken: Algorithms, Pattern recognition, Natural Text Processing, Calculus, etc.

Belarussian State University Lyceum, Belarus

2010 – 2012

Associate degree in Mathematics

Average: 9.8

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

REPORTS ON CONFERENCES PUBLICATIONS

"Interractibg with websites w/o API" WebNotBombs conf, Minsk, Feb 2016

"Aurelia vs Angular 2" The Rolling Scopes #21, Minsk, Dec 2015

"Sentimental corpus of texts generating system for solving semantic web problems in tourism domain" Presented at the 72th BSU Scientific Conference.