



ALEXANDER MIKHALCHENKO

strrife@gmail.com ♦ skype:strrife

Belarus, Minsk 220113

Linkedin: [linkedin.com/in/mikhalchenkoa](https://www.linkedin.com/in/mikhalchenkoa) ♦ StackOverflow: id 2044039

SUMMARY

Over the past years I have worked in multiple international companies and proven myself to be the guy that can save the project. If you're looking for someone who'd be able to rock it starting from DB architecture (MySQL, MongoDB, Redis, Elasticsearch) to backend (NodeJS, PHP, Java) and, of course, frontend (Javascript, ES5, ES6, Angular, Aurelia), you're reading the right CV.

I have a strong mathematical background (see Honors Awards section) and I prefer to work in R&D where I can show my best. Also, during the past year I've been slowly moving towards management and IT sales. I'm an empathic communicator, good at pitching.

TECHNICAL STRENGTHS

JavaScript	ES6, Angular, Aurelia, jQuery, JSPM, Bower, Babel
NodeJS	NPM, Express, Grunt, Gulp, Yeoman, Isomorphic apps, Browserify
PHP	PHP7, Symfony (1.4, 2.5), Wordpress, Silex, Composer, Doctrine, PDO
Databases	MySQL, MongoDB, ElasticSearch, MapReduce, Redis, SQLite, SQLPlus
HTML/CSS	HTML5, Canvas, SASS/LESS, CSS3, Bootstrap, Flat UI
Testing	Unit tests, Integration tests, Mocha, Karma, Selenium, Nightmare.js
Other	AWS, Python, Groovy

EXPERIENCE

TractionBoard

March 2016 - Present

CTO

- Working on Aurelia-based frontend and Symfony-based backend
- BigData processing (ElasticSearch Scripting - Groovy) and visualization (D3)

Severex

November 2015 - Present

Senior Frontend Developer (Aurelia)

- Working on Aurelia-based frontend, BigData visualization

DualLab

August 2015 - December 2015

Full-stack Web Developer

- Single-handedly developed the backend (Node.js, TDD)
- Actively participated in frontend development (Angular)
- For recommendations from teamlead & colleagues see my linkedin profile

StarOfService

April 2014 - August 2015

Full-stack Web Developer

- Worked both on backend (PHP, Symfony 1.4) and frontend (Angular)
- AWS integration (SQS, S3 integration)
- RESTful API development
- Single-handedly developed and maintained primary search engine (TF-IDF based)
- For recommendations from CEO, CTO & teamlead see my linkedin profile

Athena Art

February 2014 - January 2016

Wordpress Developer, Consultant

- Did lots of Wordpress customization
- Site speed and Caching enchantments (from 1.5s to 30ms for homepage)

Transition

October 2013 - January 2014

Fullstack Web developer intern (PHP, C#)

Personal projects

+ **VOUFF (ex Nagibator)**

November 2015 - March 2016

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

+ **Gendalf TV**

December 2015 - April 2016

App for sending videos to LG Smart TV, 1st place at LG Hackaton (Dec 2015).

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

HONORS & AWARDS SECTION

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

PUBLIC SPEAKING PUBLICATIONS

Presentations at local meetups

- Interacting with websites w/o API
- Aurelia vs Angular 2

WebNotBombs conf, Minsk, Feb 2016
The Rolling Scopes #21, Minsk, Dec 2015

Publications

- Sentimental corpus & Semantic Web problems in tourism domain 72nd BSU Scientific Conference
- Plant Phenomics and Image processing Algorithms 73rd BSU Scientific Conference
- Decision support systems and plant phenomics PRIP'16
- Designing the platform for phenotyping stem cuttings and clones of ornamental woody plants