ALEXANDER MIKHALCHENKO

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SUMMARY

IT Expert, Senior Fullstack Developer, R&D engineer, Consultant with extensive experience in Startups. I am someone who can deliver big things in tight time. Strong mathematical background, empathic communicator.

TECHNICAL STRENGTHS

JavaScript	React, Redux, React Native, Angular, Aurelia, jQuery, D3
NodeJS	NPM, next.js, Webpack, Express, Grunt, Gulp, Isomorphic apps
PHP	PHP7, Symfony, Wordpress, Doctrine, PDO
Databases	RabbitMQ, ElasticSearch, MySQL, MongoDB, MapReduce, Redis, SQLite
Other	AWS, Python, Groovy, Painless, etc

EXPERIENCE

Xfuturum   February 2017 - Present
Founder, Head of Development
· I manage projects and small dev teams.
· We primarily work with startups (Series A, B).
· Full-stack development, Application architecture development, R&D

Toptal   February 2017 - Present
Senior Fullstack Developer, Consultant, NDA-protected
· IT Consulting
· Frontend development

TractionBoard   March 2016 - September 2017
CTO
· Architecture development
· Developing algorithms for BigData processing (RabbitMQ, Mongo, ElasticSearch Groovy scripting)
· BigData processing (ElasticSearch Scripting - Groovy) and visualization (D3)

Jooicer   Feb 2017 - September 2017
CTO
· A side-project of Tractionboard
· Developed Twitter automation tools including custom PhantomJS-based scripts

Severex / Pegasus.ae   November 2015 - December 2016
Senior Frontend Developer (Aurelia)
· Working on Aurelia-based frontend, BigData visualization, R&D
· Creating prototypes and proof-of-concepts for exhibitions including Abu Dhabi Smart City conference

DualLab   August 2015 - December 2015
Full-stack Web Developer
· Single-handedly developed the backend (Node.js, TDD)
· Actively participated in frontend development (Angular)

StarOfService   April 2014 - August 2015

Full-stack Web Developer

· Worked both on backend (PHP, Symfony 1.4), REST API for apps and frontend (Angular)
· AWS integration (SQS, S3 integration)
· Single-handedly developed and maintained primary search engine (TF-IDF based)

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)

Itransition   October 2013 - January 2014

Fullstack Web developer intern (PHP, C#)

EDUCATION

Belarussian State University, Belarus   *2017 − 2018*
Master Degree in Computer Science

Belarussian State University, Belarus   *2012 − 2017*
Bachelor Degree in Computer Science, minor in Intelligent Control Systems   *avg: 9.2/10*

Belarussian State University Lyceum, Belarus   *2010 − 2012*
Associate degree in Mathematics   *avg: 9.8/10*

HONORS & AWARDS SECTION

International Tournaments of Young Mathematicians

· ITYM 4 − 1st place & gold medal   July 2012, Paris, France
· ITYM 6 − 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

PUBLIC SPEAKING PUBLICATIONS

Presentations at local meetups

· Mentor at Imaguru Coding Fest   Imsguru Startup Hub, Aug 2017
· Speaker   Imaguru Project Management Meetup Series
· Speaker   Deti MBA, Apr 2018 - Present
· Interracting with websites w/o API   WebNotBombs conf, Minsk, Feb 2016
· Aurelia vs Angular 2   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