Andrey Mramornov

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EDUCATION

CZECH TECHNICAL UNIVERSITY

MScENG in Computer Vision and Image Processing

Jun 2015 | Prague, Czech Republic

INTERNATIONAL INFORMATION TECHNOLOGIES UNIVERSITY

BS in Computer Science

Jun 2013 | Almaty, Kazakhstan

COURSEWORK

GRADUATE

3d vision
Advanced algorithms
Artificial Intelligence
Computational Geometry
Combinatorial Optimization
Machine Learning and Data Analysis
Theory of Algorithms

SKILLS

Proficient in:
JavaScript • Ember.js • PHP • Laravel • Java • Spring • SQL (MySQL/Postgres) • Shell Scripting • HTML • CSS
Descent experience:
Python • C • Web Security • Delphi
Small experience:
Jenkins • Docker • Selenium • MongoDB • C++ • Assembly • Nim

LANGUAGES

Russian - native
English - fluent
French - basic
Czech - basic

FREELANCE

2007 - Present
During years of occasional freelance work I've developed:

- a lot of small corporate websites/eshops, mainly using own framework based on Kohana.
- scrapping software/bots that were done in python/java, several times using Selenium.
- desktop applications using Delphi/C#

EXPERIENCE

HOTELMACHING.COM | CTO

Jul 2015 - Present | Prague, Czech Republic

- Led the tech side of the project with 2 developers and a designer.
- Proposed and implemented core of the project - matching algorithm, and gradually improved it.
- Architectured and developed both front (Ember.js) and back (Java/Spring/Postgres) end.
- Implemented continuous integration using Jenkins.
- Backend based on microservice architecture with 9 services in total.

CHOCOLIFE.ME | Web Developer

Jun 2013 – Sep 2013 | Almaty, Kazakhstan

- Created front and back office for a coupon selling website using PHP/Kohana/Javascript.
- Interesting backoffice features included: logging of all changes, row level privileges for users, charts over any dataset using Google Charts.
- Created a new authentication system to provide single account over multiple websites (still partially in use). Compared to OAuth it supported login without redirects.
- Authorization of sites to access users data was based on federated MySQL tables, which offered both security and SQL access to data.

KANSHA.KZ | Web Developer

Oct 2012 – Jun 2013 | Remote

- Implemented several websites (mostly e-shops) using PHP/Kohana/Javascript.
- Worked on support and improvement of kansha.kz website.

SALAM WORLD | Frontend Developer

Jun 2012 – Oct 2012 | Almaty, Kazakhstan

- Implemented long-living Facebook-like SPA using Javascript/PHP/Symfony.
- Created internationalization libraries for both twig and js templates.
- Created a custom tool for collecting all translation keys across twig templates.

DARER.COM | Frontend Developer

Jun 2011 – Oct 2011 | Remote

- Implemented social parts of website like comments/news/videos using PHP/Kohana/Javascript.
- Integrated PHPBB3 forum inside Kohana so it could use same authentication and be displayed inside main template.
- Optimized SQL statistics queries by denormalizing data and storing it to MongoDB. Speedup was from 30s to sub second timings for full page load.

KANSHA.KZ | Web Developer

Jun 2010 – May 2011 | Remote

- Continued development and maintenance of existing price aggregation website built on PHP/Javascript.
- Automated manual matching of items from different price lists by name, this reduced hand work load from 4 full-time people to one half-time.
- Optimized website, mainly inefficient SQL queries, for some pages load time went from 60 to 3 seconds.