Igor Ermakov

Senior Fullstack Web Developer

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Education
Belarussian State University of Transport. Microprocessor information-control systems.

Skills
PHP (15+ years), **JavaScript** (13+ years), **Python**

MySQL (15+ years), PostgreSQL, Redis, Memcache, ElasticSearch, RabbitMQ

HTML, CSS, Bootstrap, Google Material Design

AWS: Amazon Beanstalk, SQS, RDS, ElasticSearch, ElastiCache, S3 (main storage), S3 Glacier (backups), CloudFront (CDN), DynamoDB, Lambda, CodeCommit, CodePipeline.

Laravel, Vue.js, React.js, Django, Node.js, ZendFramework, Backbone.js, jQuery

Linux administration, Git, Docker, SearchEngineOptimization (SEO), Test Driven Development (TDD)

Experience

AR-GENERATION.COM, POLAND, 2020-2021
I'm a co-founder and CTO of the company. I did the backend for our mobile application (NewLayer / iOS) and also an admin site: backend and frontend (PHP and React.js). I did the linux administration for some other services using Docker. The backend is built on AWS infrastructure to have more scalability.

IMAGEBROKER, GERMANY, 2010 - 2021, REMOTE SENIOR FULLSTACK DEVELOPER
I did both frontend (Backbone.js, Bootstrap) and backend (PHP, ZendFramework, Doctrine, MySQL) for their website. The system is rather complicated. The biggest parts I did there: image search system (ElasticSearch), Frontend SPA, Automatic payments system for the partners using bank software, multiple APIs for distributors, FTP uploader which uses multiple processes and uploader-manager to control the data transmission. All of these automates the business very much and doesn't require much employee to handle all the company business processes.

I also did rather complicated bookkeeping system which saves a lot of time for company employee. I also created rather advanced tables for various items in the system: invoices, suppliers list, distributors, totally about 15 items. We called them FlexGrid. It's a kind of table which is highly customisable: you can choose columns to see, column width, filters, grouping, summary data, group comments, group actions. I gives very big flexibility for the managers to see the data.

The other service I completed there is an image-processing application based on PHP/Laravel and Vue.js with Google Material Design (No Url, as it's company internal system). It allows employee to edit image, keyword them, update meta. And the keywording process is rather advanced there: it uses computer vision and the system assigns keywords to images based on the internal keywords tree (keywords list with relations). It automates much of the employee work and allows to process client images much much faster which decreases spending per image.

I also split the existing monolith system into the microservices and moved the project to AmazonWebServices. It gives more flexibility for scaling and better opportunity for servers administrations by developers.

FINALVIEW, US, REMOTE DEVELOPER
Biggest projects:

- igottalist.com - I did rather big service for saving and sharing users wish-lists. I was the only developer there. The site doesn't exist anymore as there was a financial crisis

- frastic.com - I did rather advanced music portal alone which connects musicians, their fans and record labels. I used audio-streaming there.

MOVEYOURWEB.NET
Biggest projects:

- adblade.com - I was a single developer there. The system is rather fast and optimized. It shows the ads in the real time on many sites. It generated revenue for the webmasters and the company.

Other links

LinkedIn: http://www.linkedin.com/in/iermakov   Github: http://github.com/IgorErmakov

UpWork profile: https://www.upwork.com/o/profiles/users/~0115a925661a165322