

Dima Kurilo

Senior Software Engineer

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GitHub profile: <https://github.com/DKurilo/>

StackOverflow profile: <https://stackoverflow.com/users/1578857/dima-kurilo>

LinkedIn profile: <https://www.linkedin.com/in/dkurilo/>

HackerRank profile: <https://www.hackerrank.com/dkurilo>

You can also find me on the first place on HackerRank Functional Programming Practice Leaderboard

Technologies

Haskell	Angular
Go	Angular JS
JavaScript (ES6/ES7)	npm / Webpack / yarn / ...
TypeScript	Git
Node.js	C#/.NET
React	Other technologies

Selected Personal Projects

- Battleship game (try it): Haskell + MongoDB + React + TypeScript: <https://battleship-fp.com/>.
- FireFox extension: <https://addons.mozilla.org/en-US/firefox/addon/esi-testing-extension/>.

Professional Experience

Senior Web Engineer 09/2018 to Current

Future PLC, New York, [<https://www.futureplc.com/>]

Responsibilities

- migrating the sites of acquired companies into the corporate publishing platform
- developing and maintaining the corporate publishing platform
- creating tools to increase efficiency of the corporate platform development and maintenance

Achievements

- implemented a Go package that provides EDSL (embedded domain specific language) for describing HTML transformation (recursive top down node by node transformation) and applies this transformation to a given node. All transformations are composable, as a result, the package allows to make any complex transformation using just a few lines of code
- created a Haskell-based set of tools that allows to make complex changes in huge amount of large json files through API; it uses Control.Concurrent.STM TQueue for concurrency and

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Data.Aeson/Data.Aeson.Lens to work with JSON

- implemented a complex cross-platform feature that allows the company to use a better SEO strategy. During the implementation updated components written in Go, JavaScript, TypeScript, PHP

Senior Web Engineer 12/2017 to 09/2018
Purch, New York, [<https://www.futureplc.com/>]

Responsibilities

- maintaining and developing existing and participating in development of new high-load projects, for example:
 - <https://www.tomsguide.com/>
 - <https://www.tomshardware.com/>
 - <https://www.space.com/>
 - <https://www.livescience.com/>
 - <https://www.laptopmag.com/>
 - <https://www.toptenreviews.com/>

Achievements

- significantly improved page load time for LiveScience.com and Space.com
- developed a lot of new features and improvements for existing sites
- developed multiple tools to make development easier

In September, 2019 Purch was acquired by Future PLC.

Lead Web Developer 05/2014 to 10/2017
Creative Soldier, Brooklyn, [<http://creativesoldier.com/>]

Responsibilities

- full-stack development: creating, deploying and maintaining web sites and applications starting from layouts, implementing responsive design principles in various browsers and on desktop and mobile devices
- providing technical solutions and resource estimates to the management based on clients' requirements

Achievements

Developed and launched 30+ projects, including

- <http://rentbettermiami.com/> [<http://rentbettermiami.com/>] (Angular 2)
- The Duchess [<https://duchessapartments.com/>] (AngularJS + MODX)
- Two Light, Kansas City [<https://twolightkc.com/>] (AngularJS + MODX)
- Austin Nichols House [<http://austinnicholshouse.com/>] (MODX, AngularJS for mobile version)
- EVE at the District [<http://eve.miami/>] (AngularJS + MODX)
- Presidential City [<http://presidentialcity.com/>] (AngularJS for mobile version)

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- Logan Square L Building [<http://logansquarel.com/>] (MODX, AngularJS for mobile version)
 - Kushner Companies official website [<http://www.kushnercompanies.com/>]
 - Property Market Group official website [<http://propertymg.com/>] (MODX)
 - Verzasca Group official website [<http://verzasca-group.com/>] (MODX)
 - Trump Parc East website and other Trump's hotels sites [<http://www.trumpparceast.com/>] (MODX)
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Education

Moscow Engineering Physics Institute (MEPhI), Moscow, Russia

Engineer-physicist (specialist degree), Electronics and Automatics, 1995 — 2000

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