Dima Kurilo

Senior Software Engineer

DKurilo@gmail.com (strongly preferred)
(646) 404-25-54
Brooklyn, NY 11215

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

I can:

JavaScript / TypeScript	**Haskell**
Terraform / Kubernetes / Helm	**GraphQL / Apollo GraphQL server**
CircleCI / GitHub / TravisCI / Jenkins	**MySQL / MongoDB**
Docker	**some experience with Kafka**
Python AWS (EKS, EC2, Lambdas and other) / Google	**number of other programming languages**
Cloud Platform	**prefer funcional programming approach**

Professional Experience

Senior Software Engineer / Backend Engineer   03/2020 - now
Patch.com, New York, [https://patch.com/]

Responsibilities

- patch.com new version developing
- system architecture development
- CI/CD development (CircleCI)
- DevOps: configuring systems with Terraform, kubernetes (AWS EKS), docker, Helm
- Dev tools development
- Legacy system support

Tech Stack

- JavaScript / TypeScript
- AWS: Lambda, EC2, EKS, etc
- Fastly
- Auth0
- MySQL / MongoDB
- Terraform / Kubernetes / Helm / docker
- CircleCI / GitHub / Jira / Confluence
- Google Cloud Platform: BigQuery, Functions, Pub/Sub, etc

Achievements

- described part of infrastructure in Terraform
- started EKS k8s, build Helm charts for some servies and set up CI/CD
- developed and set up Data Warehous (GCP BigQuery based) load system
- developed DSL to generate content feed from different sources

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Senior Web Engineer   12/2017 to 01/2020
Future PLC / Purch, 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

Achievements

- implemented a Go package that provides EDSL (embedded domain specific language) for describing composition of HTML transformations. 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.
- implemented a set of GraphQL directives that allows to remove resolvers and describe GraphQL schemas in a declarative way.
- 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
- maintaining and developing existing and participating in development of new high-load projects, such as www.space.com and www.tomsguide.com

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Lead Web Developer   05/2014 to 10/2017
Creative Soldier, Broolkyn, [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

- The Duchess [https://duchessapartments.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)
- 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)
- Trump Parc East website and other Trump's hotels sites [http://www.trumpparceast.com/] (MODX)

Education

Moscow Engineering Physics Institute (MEPhI), Moscow, Russia
Engineer-physicist (MS equivalent degree), Electronics and Automation