

# Dmitry Bolgov

## Senior Backend Developer

bullgare@gmail.com | Berlin, Germany

### PROFESSIONAL SUMMARY

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Software engineer with 15+ years of experience in web development (started in 2005).

Roles from Senior Engineer to Engineering Manager.

Build **microservices** for 7+ years.

Different companies, many kinds of businesses: Food Delivery, Logistics, Marketplaces, Billing, Online Dating, CRMs, Online Map, Online Task Management for Business, Online Radio, Realty Classifieds.

Duties (additional to coding):

- technical interviews
- service performance tuning, firefighting
- engineering management (teams up to 6 engineers).

I love working in a team and discovering something new. As a hobby, I write a technical blog, go to a gym or spend time with my family.

### TECHNOLOGIES

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Back End	Golang, Node.js, PHP
Front End	Javascript (React.js, Angular.js), CSS (less, SASS, postCSS)
Data Storages	DynamoDB, PostgreSQL, MySQL, S3, MS SQL Server, CEPH
Queues	SQS/SNS, Kafka
Containers	Docker, Kubernetes, Nomad
Monitoring	DataDog, Grafana+Prometheus, NewRelic, zabbix, cacti
Operating Systems	Mac OS, Ubuntu, CentOS

### EXPERIENCE

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Senior Go Developer / Backend Chapter Lead | Delivery Hero | Berlin, Germany

10.2019 – PRESENT

*Delivery Hero is a global company. A platform for food delivery companies like foodpanda (<https://www.foodpanda.sg/>).*

- In charge of Order Tracking, Order History, Reordering
- Migrated services from PHP+MySQL to Go+DynamoDB+MySQL
- Performance tuning, firefighting, working on architecture decisions, coaching
- Implemented 2 frameworks: grpc+http for APIs, another one - for SQS consumers; widely used in the company
- Technologies: Golang, AWS, DynamoDB, SQS, MySQL, DataDog, NewRelic, Grafana, Kubernetes, Docker, k6

Engineering Manager | Ozon.ru | Moscow, Russia

11.2018 – 10.2019

*Ozon.ru is a classical internet retailer with 20+ years history. In 2018 a new team was invited to refresh it. Our goal was to transform it into a marketplace, make it modern and fast.*

- My team was in charge of many internal common libraries
- We also helped to improve performance and control splitting monolithic apps into microservices
- I improved chat service performance from 17 RPS to 1100 RPS on the same hardware (the goal was 1000 RPS for that environment)
- My team was developed a common file-storage service used internally by other services
- Technologies: Golang, PostgreSQL, Kafka, CEPH, Grafana, Kubernetes, Docker, Yandex Tank

Engineering Manager | Yandex | Moscow, Russia

05.2018 – 11.2018

*Yandex is the largest IT company in Russia. Yandex.Realty is a classifieds site. It is one of top 3 sites for selling and renting realty in Russia.*

- I've created a front-end team from scratch in Moscow (before, there was only a team in St. Petersburg)
- Led dozens of technical interviews
- Established communications between teams of Realty project and other departments
- Was involved into planning and estimating quarter plans
- Moved Node.js application to dockerized environment in production
- Worked on unit-test automation and improving CI
- Technologies: React.js, Node.js, jest, BEM, postCSS, webpack, Docker, Nomad

Senior Go Developer | Lazada | Moscow, Russia

07.2016 – 05.2018

*Lazada is the largest marketplace in South-East Asia (6 countries: Vietnam, Singapore, Indonesia, Malaysia, Thailand, Philippines).*

- Developed and maintained API Gateway of the site
- Developed common internal libraries
- Developed a few microservices
- Optimized performance for highload
- Interviewed applicants
- Technologies: Go, Docker, Kubernetes

Frontend Engineering Manager | Lazada | Moscow, Russia

06.2015 – 07.2016

*Lazada is the largest marketplace for South-East Asia (6 countries: Vietnam, Singapore, Indonesia, Malaysia, Thailand, Philippines).*

- I was in charge of front-end part for mobiles
- Managed a team of 6 developers (interviewing, coaching, teambuilding)
- Communications with other departments, planning, deadlines control, firefighting
- Was in charge of evolving architecture and optimizing the site
- Technologies: Javascript, React.js, jQuery, CSS, less, webpack, PHP, Jira, gulp, webpack

Frontend Architect | Sputnik | Moscow, Russia

05.2014 – 06.2015

*It is a search portal. Our department was in charge of online maps (like Google Maps).*

- Created the front-end part of maps site from scratch
- Created Javascript API for building and embedding maps into third-party sites
- Created online map constructor
- Managed a team of 2 developers
- Interviewed applicants
- Technologies: Angular.js, Leaflet.js, Node.js, gulp, SCSS, Foundation

Senior Frontend Developer | Mamba | Moscow, Russia

12.2012 – 05.2014

*Mamba is a dating service, the largest in Russia and neighboring countries.*

- Created mobile site from scratch as Single Page Application (Angular.js)
- Refactored and improved the desktop site
- Optimized frontend performance of both mobile and desktop
- Management: distributed tasks between other engineers
- Automated frontend build (ci/cd), implemented unit-testing of frontend applications
- Interviewed applicants
- Technologies: AngularJS, Node.js, jQuery, gulp, Grunt, CSS, less

Backend Developer | Mamba | Moscow, Russia

05.2012 – 12.2012

*Billing department of Mamba, the largest dating service in Russia and neighboring countries.*

- System refactoring
- Implemented new payment methods
- Created metrics system and added major metrics
- Technologies: PHP, MySQL, RabbitMQ, LevelDB, Memcached

Fullstack Developer | Undev | Moscow, Russia

05.2011 – 05.2012

*Our team was in charge of developing the online radio aggregator Moskva.fm. It used to have rich functionality, which was removed years after because of legal issues.*

- Server-side optimizations and refactorings
- Rewrote client-side completely from using 3 different frameworks into 1 - jQuery with custom jQuery-UI widgets
- Unit-testing
- Flash-to-JS integrations
- Implemented site navigation without page reload
- Moved project from SVN to git
- Technologies: PHP, MS SQL Server, Javascript, jQuery, jQuery-UI, jQuery-template, Underscore.js, prototype.js, mootools

Fullstack Developer | Megaplan | Moscow, Russia

11.2009 – 05.2011

*Megaplan is a Project Management System with modules like CRM, private planner and task manager. It's distributed as a SaaS and as a box solution.*

- Developed product features
- Participated in architecture discussions
- Was a SCRUM master of the team
- Technologies: PHP, Zend Framework, PostgreSQL, Memcached, Javascript, jQuery, Python

Fullstack Developer | FC-Pro | Moscow, Russia

05.2007 – 10.2009

*Moikompas is a social database (like Wikipedia). Articles are made out of building blocks, widgets for different data types.*

- Developed product features and optimized application performance
- Created from scratch WYSIWYG-editor for browsers IE5.5+
- Managed a team of 3 developers
- Created analytics systems
- Technologies: PHP, Zend Framework, MySQL, Apache, nginx, APC, Memcached, CouchDB, Javascript, jQuery, AJAX, SVN

Fullstack Developer (Remote) | Comavto | Moscow, Russia

04.2005 – 08.2007

Comavto is a car selling site.

- Implemented features according to specs
- Made site crawlers
- Technologies: PHP, MySQL, HTML, Javascript

## EDUCATION

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Engineer (Master Degree) | Moscow Engineering Physics Institute (State University) | Moscow, Russia

1999 – 2005

- *Nuclear Physics*

Post Graduate | UC JINR (Joint Institute of Nuclear Research) | Dubna, Russia

2005 – 2008

- *Nuclear Physics*

## PUBLICATIONS & AWARDS

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Science session in MEPhI-2007 | Experiment on finding rear fission types in reaction of  $8U+4He$  (40 mev)

2007

Science session in MEPhI-2006 | Introductory results of first experiment at miniFobos device

2006

## PROFILES

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Personal Website <https://bullgare.com>

Blog: <https://blog.bullgare.com>

LinkedIn: <https://linkedin.com/in/dmitry-bolgov-50610642/>

Twitter: <https://twitter.com/bullgare>

Github: <https://github.com/bullgare> (most of my projects are on private bitbucket)

StackOverflow: <https://stackoverflow.com/users/801426/bullgare>