



Baltaev.Artur@gmail.com

Architect Web Developer

Senior Full-Stack Engineer

SRE, DBA, HighTraffic, BigData

International #Remote #Relocate

as an international remote contractor (personal or b2b)

SKILLS

Reengineering of Core TOP-5 global site

Tech Leading, Team Leading of 10+ Developers

Solo Backend dev of huge B2B/B2C projects

High-Traffic, Big-Data, SRE, DBA, Architect, Audit

Language: PHP 3 => 8.5, JavaScript/TS, Perl, SQL

Hard DB skills: *SQL, NoSQL, GCloudDB ([BigQuery](#), [Spanner](#)), MQ, Pub/Sub, Fulltext, PI/PgSQL, ClickHouse, [ElasticSearch](#), [Sphinx](#), etc

Backend frameworks: Laravel/Lumen, Symfony, node.js, MediaWiki, [onPHP](#), Yii, *CRM, *CMS

Frontend: aSync SPA, React.js, Vue.js, PWA

Patterns, principles: SOLID, GRASP, DDD, CQRS+ES

API (building and using): geo, social, google CSE, OAuth, Auth0, AD [RTB](#), mailing, payment(Stripe, PayPal), int/ext billing(Paddle), SOAP, gRPC, JsonAPI

Admin: Linux, Docker, Kubernetes, AWS, GCloud, Azure

Testing: unit, functional, stress, profiling, security audit

EDUCATION

Chuvash State University

Degree: Bachelor

Faculty of Economics

Major: Banks and banking

SUMMARY

Languages:

English — Advanced

Russian — fluent

CV: [Actual CV](#)
[LinkedIn](#)

Code: github.com/bagart



[@BAGArt](#)

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EXPERIENCE

Big medical CRM, US (NDA)

March 2022 — Nov 2025

Senior backend developer

Big medicine company

Form:

- **Remote** work, Direct full-day contract work
- Certified by HIPAA licence
- Deep divide into medtech rules/logic/taxonomy

Tasks:

- Full Architect and Development of Great Facet Search Engine 😊
- BigData with hard SQL in BigQuery, Architect, RND
- Optimizations, Clustering, Supporting (officially taxonomy refreshed every year)
- Thousands SQL's(different medicine rules) processed by queue
- Typical SQL is 30-200 kb per case, Deep and/or chains, positive-negative rules
- Post-processing of SQL results data (1kkk lines in raw)
- Aggregate, normalize, provide by API and supporting of results
- from expensive GCloud BigQuery, external ML services to distributed GCloud Spanner
- Cloud IAM Permission layers to data by columns

Stack:

- **PHP7 => PHP 8.4, Laravel, MSA with Gateway**, Kubernetes, MQ, swagger
- **GCloud (BigQuery, Spanner, PubSub)**, Github, Jira, Confluence

World TOP-5 global site (NDA), US (agency: [speedandfunction](#))

Dec 2019 — Jul 2020

Senior backend developer

Most popular site (**world TOP-5 global site by visitors**, NDA)

Form:

- limited architect work
- All processes in English

Tasks:

- Deep core decoupling (GRASP, SOLID) and reengineering: Actions, Typed* Content, Pages, Language*, Searcher (different engines), API, Emailer, extension integration
- Add new SQL DB support (self-hosted installation, extensions)
- Code review, Coverage with PHPUnit test. All commits with public review
- Open Source deprecation processes and documentation
- Development of new services

Stack:

- **PHP7.2, Universal *SQL**, PHPUnit, Docker, Phabracator, Gerrit

Manychat.com, USA

February 2019— July 2019

Senior backend developer

<http://manychat.com> - Visual bot builder for Facebook Messenger

Form:

- limited architect work

Tasks:

- Reengineering core of backend (message processor and queue from FB, etc)

Instruments:

- **PHP**, Yii, Codeception
- *SQL
- OpenApi (React)

Booking b2b platform, International

Aug 2020 — March 2022

Team Lead, Senior backend developer

International startup: Booking service for b2b by subscribing

Form:

- **Remote** work, Direct contract work
- All processes in English
- Work without technical details (by markups and discuss)
- Single backend development from start to lunch

Tasks:

- Development a backend MSP platform from start to MVP by markups and discuss
- REST API for SPA with documentation (Postman)
- API tests
- Full **MicroServiceArchitecture** (MSA) with separated DB and API logic on the backend (aggregation, MSA-transaction)

Instruments:

- **PHP8, PostgreSQL, Laravel, Full MSA**, Kubernetes, MQ, Gitlab CI, Auth0, Paddle, Sanctum

Many other limited projects from USA, UK, South Africa

Mostly: PHP (Laravel, Symfony) or FullStack ([Vue.JS](#), React.JS)

Gruzer

December 2017— December 2018

Senior architect developer, Senior backend developer, Team leader

<http://gruzer.ru> - logistic auction and taxi (B2B, B2C)

Form: **Remote** Project work with Team

Tasks:

- Development a new logistic platform from start to finish: auction (B2B, B2C)
- Support, optimize and extend exists project; Security, CICD, Performance audit
- Preparing technical documentation, schemasCode review, planning, team leader, unit tests
- Technical Architect
 - Full SOA(Microservice Architect) with async service-bus (queued), CRUD, ACL
 - SPA with pushes (live update) and notifications on changes
 - SOA API: Single Mobile and SPA, Open-API, Swagger
- Develop Business for new project:
 - Auction: Bookkeeping, Bidding, group messaging
 - Searches: deep automatic filters, presets
 - Logistic: maps, estimates, documents
 - Billing: Checkout, Processing, Payment, Balance, B2B, B2C, Multicurrency
 - Notification: Multi channel, multi user, configured

Instruments:

- **Laravel**, Bootstrap, SPA (CRUD), Socket.io
- PHP, JS(Node.js), Postgresql (PgSQL), Websocket, Redis
- SOA-API: Open-API with documentation (Swagger)
- API: Yandex Maps, Google maps, OpenStreet Maps, OAuth2, S3+OpenStack, cdn, Firebase(Cloud messaging), sms/mail/etc
- Gitlab, CICD, Docker, Kubernetes, Minikube, Git

Bionika

June 2016— April 2017

Senior fullstack developer for a new private service

Medicine company

Form: **Remote** work, Full alone architect, development (Frontend, Backend, DBA) and DevOps

Tasks:

- Developed **new projects from start to finish**
- Developed filters which ensured flexible and intelligent search (based on elasticsearch)
- Data sync (public procurement)

Instruments:

- **Laravel** 5.3, AdminLTE (Bootstrap), [Vue.js](#), PHP 7, JS, PostgreSQL
- Elasticsearch 2.4 as primary DB for content, BeanstalkD, Redis, Docker
- API: maps, public procurement of Russia (tenders like zakupki.gov.ru)

[Taxi-Angel.ru](#), Moscow

October 2015 — March 2016

Senior fullstack web developer

International taxi service

Form:

- **Remote** work without team
- Project work

Tasks:

- Developed mobile API from start to finish
- Support of existing projects(bug fixing)
- DB optimization

Project:

- Panel data with call and order statistics, admin panel
- RESTful Mobile API for working project

Instruments:

- PHP 5.4=>5.6, JS, PostgreSQL, **PL/pgSQL**, Laravel, AdminLTE, Highcharts, LXC
- API: maps, Asterisk

[IMHOnet.ru](#), Moscow

October 2014 — October 2015

Senior developer (backend)

HighLoad recommendation service

Form:

- **Office** work
- Team of 15 +/- people (IT)

Tasks:

- **HighLoad** optimization
- Support and development site
- **RTB** data sync, recommendation based on AD profiling and targeting for new/unregistered users
- New import data models (external sources)

Instruments:

- PHP: corp. MVC framework, MQ dispatchers, API development and use
- DB: MySQL, Sphinx, ElasticSearch
- API: AD **RTB** ([Facetz](#)), content-providers, mailing services ([Mandrill](#), [ExpertSender](#)), OAuth
- jira, git, phabricator, composer, github, LXC, deploy, ELK

[Rabota.ru](#) (RDW-media), Moscow

November 2010 — August 2012

Web developer

high traffic recruiting portal. Local TOP3

Form:

- Office work
- Team of 15 +/- people (IT)

Tasks:

- **HighLoad** optimization: horizontal scaling, DB optimization(SQL, NoSQL, indexes, queries), caching.
- Sync with main billing service, online payment API, paid services
- Statistics aggregation (salaries by tags, payment)

Instruments:

- php5, OOP/MVC, [onPHP](#), PostgreSQL, PL/PgSQL, Sphinx
- API: online payment (robokassa), billing (XML)
- JavaScript, Prototype => jQuery, AJAX, payment API(robokassa), OAuth
- svn => git, trac => redmine

Full resume: goo.gl/4oTQGW

Keywords: #cv #remote #resume #SeniorDeveloper #ArchitectDeveloper #SRE #TechLead #TeamLead #CTO #CIO

#FullStack #Full-Stack #Backend #Developer #Programmer #CloudDeveloper #HighLoad #HighTraffic

#HighAvailability #DBA #Distributed

#PHP #BigQuery #Spanner #DynamoDB #JS #javascript #Laravel #Symfony #React #ReactJs #Vue #VueJs #SOA

#MSA #microservice #sql #NoSQL #PIPgsql #Postgres #MySQL #ElasticSearch #Sphinx #restApi #RESTful #REST

#PubSub #Kafka #Redis #Firebase #RabbitMQ #ZeroMQ #Beanstalk #Swagger #Docker #Kubernetes #ELK #CI/CD

#Teamwork: #Jira #redmine #git #gitlab #github #BitBucket #svn #subversion #Confluence #Phabricator