

Aleksandr Krivoshchekov

Lead Software Engineer

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Bio

Forward-thinking lead software engineer with over 5 years of experience designing and building large-scale distributed systems in dynamic environments. Focused on developing efficient and clear solutions. Led successful migration of Yandex.Eats' catalog and search page to microservices which provided 99,9% uptime and ability to serve 10x traffic from the main screen.

A program committee member of Highload++ - the largest (2000+ attendees) annual tech conference in Eastern Europe.

Experience

Lead Software Engineer

Yandex, Moscow, Russia

Apr 2019 – Present

- Design, develop, and support high performance distributed system that serves Yandex.Eats' main screen.
- Lead and mentor an engineering team.
- Work closely with other engineering teams and stakeholders to collect requirements and describe technical designs.
- Define and prioritize projects and tasks.
- Review code and architecture of new services.

Stack: Go, PostgreSQL, Docker, Redis, Prometheus, Kafka-like event sourcing solution.

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○ Software Engineer

Yandex, Moscow, Russia

Jun 2018 – Apr 2019 · 11 mos

- Developed restaurant page, cart, and checkout page components of the web application.
- Designed and implemented reusable UI components.
- Reviewed code and provided helpful feedback.
- Updated, refactored, covered with unit tests, and wrote documentation for common payment page and notification service.
- Improved an internal toolchain.

Key Achievements:

- Created an automated system and toolchain to review and check API specifications which standardized the API change process. The system was used by all teams.
- Improved and documented company's API design guide.
- Documented TypeScript and JavaScript code style guide.

Stack: TypeScript, JavaScript, Node.js, React, MobX, InfluxDB.

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○ Program Committee Member

Ontico, Moscow, Russia

Sep 2021 – Present

Highload++ (<http://highload.co>) and RIT++ (<http://ritfest.ru/>) are the largest (2000+ attendees) annual tech conferences in Eastern Europe.

Link: <https://www.highload.ru/moscow/2021/committee> (Александр Кривошеков)

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○ Senior Software Engineer

Exquance Software, Saint Petersburg, Russia

Mar 2016 – Jun 2018 · 2 yrs 4 mos

- Designed, developed, and supported core services: license management system, reporting system, billing system, and web dashboard.
- Worked closely with stakeholders to translate requirements into tasks and projects.
- Mentored and managed junior web developers.
- Designed and implemented a single sign-on scheme and SDK for all company's

services.

Key Achievements:

- Set up CI/CD pipelines for all front-end and back-end services, reducing time to build and release by 80%.
- License management system eliminated the routine with setting up new companies, issuing licenses, and permissions.
- Documented system design guidelines, code style guide, and API design guide.

Stack: TypeScript, JavaScript, Node.js, C, AngularJS 1.5, Docker, MongoDB, PostgreSQL, RabbitMQ, Redis.

○ Web Developer

Freelance, Remote

Jan 2012 – Mar 2016 · 4 yrs 3 mos

Languages

English (Professional working proficiency)

Russian (Excellent, Native speaker)

Skills

Distributed Systems

Software Architecture

Team Leadership

Go

JavaScript

TypeScript

C

Node.js

React

Angular

AngularJS

Docker

MySQL

PostgreSQL

Redis

MongoDB

RabbitMQ

Apache Kafka

Linux

Nginx

SQL

Git

AMQP

Microservices

SOA

Software Engineering

Scalability

Security

Unit Testing

Computer Science

Team Management