

VLADISLAV KOVALENKO

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SOFTWARE DEVELOPER

VISA SPONSORSHIP REQUIRED

PROFILE

Full-stack engineer with wide experience in GraphQL API especially in Elixir/OTP stack. Always share my knowledge with colleagues to achieve team goals. Deeply interested in Scala, static typing and functional programming.

PROFESSIONAL EXPERIENCE

ELIXIR DEVELOPER

Aviasales.ru, Phuket, Thailand (7/2019 - 3/2021)

Technologies: You can read list of technologies below. Almost all of them were used here.

Description:

- As an RnD developer designed and implemented Saga Pattern based task-runner that all teams can use for their needs.
- As an RnD developer designed and implemented internal Elixir toolkit(shared types, kubernetes bootstrap, cache patterns, GraphQL)
- As an RnD developer created a group of backends— data-providers for brand new SSR system.(Realtime widgets, backend and frontend feature flags support)
- As a part of content team redeveloped single-lang content system on multilang support(5-10 millions of unique pages)
- As a part of data team refactored all data flows related to flights schedule
- As a part of all team migrated existing Elixir-based backends from single-DC LXC containers to multi-DC Kubernetes clusters
- Implemented many ideas of performance optimizations(deep db query analysis, distributed caching)
- Always took part in architecture planning of three infrastructure teams(core data, content, web engine).
- Completely rebuilt admin interfaces from REST on GraphQL
- Rebuilt user's subscription management dashboard from legacy coffeescript to modern React
- Continuously gave lectures on backend, frontend, algorithms and databases to colleagues
- Designed and partially implemented performance metrics and developer productivity application

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**FULL STACK
DEVELOPER****JetRuby (07/2018-05/2019)**

Technologies: Ruby on Rails/Hanami, Elixir/Phoenix, REST/GraphQL, React.js, Kubernetes/Rancher, Gitlab, Gitlab-CI

Description:

- ERP system development as a Full-Stack dev
- <https://hellocecil.com/> project as a Ruby backend dev
- E-commerce projects development as a Full-Stack
- Resource planning system as an Elixir dev
- Supervised trainee and junior-beginner level engineers on frontend and backend domains
- Participated in two projects as a techlead

**FULL STACK
DEVELOPER****Faceter.io (10/2017-04/2018)**

Technologies: Ruby on Rails, Ruby, React, Javascript, AWS EC2, AWS S3, PostgreSQL, Redis

Description:

- Developed ICO investor's account as a Full-Stack dev in collaboration with teamlead and frontend-dev

**JUNIOR SOFTWARE
DEVELOPER****Kuban State University Internet Center, Krasnodar, Russia
(7/2016 – 7/2018)**

Technologies: C#, ASP.NET, Ruby, Ruby On Rails, MS SQL Server, Oracle, Oracle PL/SQL

**TECHNICAL
PROFICIENCIES**

- Programming languages: Scala, Elixir, Typescript, Erlang, Ruby
- Backend: GraphQL, Microservice Architecture, MultiDC architecture
- Frontend: Typescript, React, Apollo
- Scala stack: Pretty comfortable with F[_] style, ZIO and Akka.
- Infrastructure: Kubernetes, Docker, Prometheus, Jenkins
- Databases: PostgreSQL, Riak KV, Elasticsearch, Redis, Mnesia
- Messaging and streams: Kafka, RabbitMQ, AWS SQS, NATS, Redis(as pub-sub and message buffer)

EDUCATION

Bachelor of Mathematics, Faculty of Math and Computer Science (2014-2018) Kuban State University, Krasnodar, Russia

**ADDITIONAL
LINKS**

- <https://github.com/zoso/>
- <https://app.codesignal.com/profile/zoso>
- <https://www.hackerrank.com/vlad1997kov>
- <https://codestats.net/users/zoso>