Lukin Egor

Full-Stack Software Engineer

Github

About

Experienced Software Engineer focused on solving business problems. My main expertise is backend (Ruby on Rails framework in the main), but also I have frontend skills with React and Redux based architecture. Also I solved some operations tasks like setup cloud services by Terraform, maintained Kubernetes clusters, setup CI/CD pipelines.

Tried a lot of languages like Ruby, Python, Javascript, Clojure, Scala, C#, F#, C++, C.

Like Functional Programming and Emacs.

English - B1 level.

Experience

Apr 2020 - Present

Simcase, Full-Stack Software Engineer

About company:

- Product team that developing applications for Ecwid E-commerce platform.

Achievements:

- Developed and launched 3 e-commerce applications.
- Created a new database model and backend API that simplified new app development.
- Created unified frontend architecture and javascript SDK that increased new apps developing speed.
- Developed a new infrastructure platform based on Kubernetes, added the possibility to create a new developer's stand via button click. Set up CI/CD pipelines for existing and new apps.
- Migrated legacy services from self-hosted servers to the new infrastructure platform.
- Migrated self-hosted database to the cloud.

Responsibilities:

- Taking part in product and core technical decisions.
- Designing and developing backend and frontend architecture.
- Developing and maintaining cloud-based infrastructure (Digital Ocean, Kubernetes).

Stack:

- Backend: Ruby on Rails, Sidekiq
- Frontend: React, Redux Toolkit
- Databases: Postgres, Redis
- Infrastructure: Kubernetes, Helm, Terraform, Gitlab CI

Aug 2018 - Apr 2020

Dualboot Partners, Full-Stack Software Engineer

About company:

- Outsource software development. I took part in multiple projects as a full-stack engineer.

Achievements:

- Supported the big Rails legacy project with more than 100k lines of code.
- Integrated the project with Stripe API, Microsoft Outlook API, Google Suite API
- Created algorithm for fast importing data that represent tree-format from excel to database.
- Setup AWS infrastructure for the new project from scratch.
- Supported GKE infrastructure for the legacy project.

Responsibilities:

- Developing backend and frontend features.
- Developing and maintaining cloud-based infrastructure (AWS, Google Cloud).

Stack:

- Backend: Ruby on Rails, Sidekiq
- Frontend: React, Redux
- Infrastructure: Docker, Terraform, AWS, GCP
- Databases: Postgres, Redis

Jan 2018 - Sep 2018

Aviasales, Full-Stack Software Engineer

About project:

- B2B Backoffice that provides statistics for partners.

Achievements:

- Refactored and simplified legacy backend application, introduced unit tests to the project.

- Developed a new dashboard (react application) for B2B Backoffice from scratch, setup production environment.

Responsibilities:
- Developing backend and frontend features.

Stack:
- Backend: Python, Flask
- Frontend: React, Redux
- Database: Postgres
- Infrastructure: Nginx, Ansible

Oct 2017 - Jan 2018 **Simbirsoft**, Full-Stack Software Engineer
About project:
- Internal time tracker service.

Achievements:
- Improved backend API;
- Created WebSocket API for getting real-time data and integrated it with the frontend;
- Improved redux-based frontend architecture;
- Setup infrastructure, dockerized node js application.

Responsibilities:
- Developing backend and frontend features.

Stack:
- Backend: NodeJs, Postgres
- Frontend: React, Redux
- Infrastructure: Docker, Ansible, Nginx

May 2016 - Aug 2017 **Simcase**, Full-Stack Software Engineer
Achievements:
- Created new and supported legacy Ecwid e-commerce apps

Stack:
- Frontend: React
- Backend: Ruby on Rails
- Infrastructure: Docker, Ansible

Feb 2015 - May 2016 **Mobile Fitness Platform**, Software Engineer / Co-founder
Achievements:
- Developed hardware platform that getting data from exercise bikes and gave API for mobile apps
- Developed mobile game like flappy bird that integrated with exercise bike

Stack:
- C, C++, Arduino
- C#, Unity

Our Prototype

Mar 2015 - Mar 2016 **Freelance**, Software Engineer
Achievements:
- Developed frontend application for Interactive Book project.

Stack:
- C#, WPF

OSS

Lesswrong.ru, Migration Lesswrong.ru site to new Django/Wagtail Engine.
K3s Platform, Platform for setup self-hosted k8s infrastructure on Hetzner.
Reverso Emacs, Small package for using Reverso Context search inside Emacs.

Courses

Oct 2021 - Nov 2021 **Asynchronous Architecture**
Jul 2020 - Jan 2021 **Instrastructure platform based on Kubernetes**

Education

2013 - 2017 **Ulyanovsk State Technical University**
- Grade: 4.52;
- Took part in competitive programming, Microsoft Imagine Cup and Hardware Hackathon.