



Rob Bikmansurov

Senior Backend Developer

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I am a highly skilled software engineer, interested in remote work in complex projects as a backend developer - monoliths or microservices, refactoring, AI integration, business pain solution.

I have been solving business problems using information technology for many years. I have extensive experience in team/project management, software development and IT.

As an IT director, lead developer and architect, I created the information system of a regional bank, where I worked from 1993 to 2020.

I have always written code, wanted to understand and implement new things, so in recent years I have been developing as a software developer.

Skills

Technologies, tools

Ruby on Rails

RSpec

Swagger

OpenAPI

Docker

Swarm

PostgreSQL

Linux

Bash

I speak

Russian

Native

English

B1

Work experience

Software developer

March 2022 - January 2025

Kuper (exSbermarket), Moscow, Russia

Refactoring of the legacy monolith, creation of OpenAPI documentation and covering of all significant endpoints with test requests, which allowed generating code of frontend clients for interaction with API;

Migration to microservices: public file service in AWS S3, static page service and applications configuration service, which reduced the load on the monolith backend;

Implementation of the service for external Kuper employees with deployment to group of companies (access rights management, integration with AD, Gitlab);

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One of the key achievements was the optimization of the store search endpoint in the delivery service, which reduced the response time by 10 times.

Technologies: Ruby on Rails, PostgreSQL, Docker, Swagger, OpenAPI, git

Lead Backend Engineer

November 2020 - March 2022

Oneclick LLC, Moscow, Russia

Final stage of development and launch into production of a complex website with a dynamic storefront, widgets, events calendar, product store, booking/ticketing and integration with a dozen of external systems (Emarsys, Eventim, DHL, Mailgun, etc.).

My role - I was practically the only backend developer on Ruby on Rails, PostgreSQL and Docker Swarm.

I introduced a culture of documentation in the wiki, use of RSpec and CI/CD practices. One of my last tasks was setting up a PostgreSQL cluster with Patroni and etcd.

Technologies: Ruby on Rails, PostgreSQL, Docker, Swarm, Swagger, git

Head of Information Technology

May 1993 - July 2020

JS Bank Perm, Perm, Russia

As a CIO, system architect and lead developer, I created an IT system for a medium-sized bank since 1993. It all started on Foxpro/DOS. After the bank's business grew, we rewrote this system to MSSQL, *.Net, Visual Basic, WinForms. I was the lead developer of the mid-sized banking system, which has been operating since 2000 and serves up to 1000 clients per day. As CIO, I developed the bank's IT strategy, improved business processes, ITSM/ITIL processes were successful. I was responsible for information security.

I built IT processes and managed development, support and security teams of 11 people. As the only developer, I created my own system for describing business processes and their roles, goals, and resources (Ruby on Rails, PostgreSQL), which is used by the entire bank. This open source project is hosted on GitHub.

Developed a web application for entering clients' bank documents (Ruby on Rails, PostgreSQL, interaction with the bank's IS).

My latest projects as a developer are an API backend for bank clients' personal accounts (Ruby on Rails, Nginx, PostgreSQL, JWT) and a local web application for managing access to personal accounts (Ruby on Rails, PostgreSQL, MSSQL, Sidekiq).

Technologies: Ruby on Rails, PostgreSQL, Docker, git, Process Management, Information Security

Education

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Automated control systems

September 1980 - July 1985

Perm National Research Polytechnic University

System engineer, Faculty of Electrical Engineering, Automated control systems.