Anton Volkov

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Work Experience

Lead Software Engineer at Ikbenfrits, Amsterdam (October 2018 - Present)

Stack: Ruby, RabbitMQ, JavaScript, Vue, K8s

Ikbenfrits is an online mortgage advisor which provides access to the largest amount of Dutch banks at competitive prices.

- I improved code quality and engineering culture by introducing better code review processes and enforcing CI/CD way of working.
- I organized hackathon projects to increase team's cohesiveness and engagement.
- I managed a team that worked on re-architecting core data storage system and developing GraphQL API around it.
- I have rebuilt an interest rate search component. The rebuild was done by running two systems in parallel. As a result, we reduced response time in half.

Team Lead & Software Engineer at Nxchange, Amsterdam (July 2017 - October 2018)

Stack: Golang, PostgreSQL, PHP, JavaScript, Vue

Nxchange is a financial technology company specializing in real time distributed security exchanges, market making, price aggregation, and commodity trading.

- I created an API Gateway to legacy system for commodity trading order execution in order to improve throughput and security of the system.
- I took the role as a team lead for a team that was delivering a new system for order and assets management. We have managed to speed up our delivery time.
- I designed an integration between Nxchange and ABN AMRO to perform live cash settlements over blockchain network.

Senior Software Engineer at Movinga, Berlin (August 2016 - May 2017)

Stack: Ruby, Elixir, PostgreSQL, Redis, Ember

Movinga removes stress from moving. The company is doing so by creating a marketplace where movers meet transportation companies.

- I build an API to server visual backend interface for moving companies that was used to track available orders in our system.
- I have designed dispatching system that was generating a weekly schedule for moving companies. It was providing point to point route that was optimized with highest possible utilization of the truck.

Senior Software Engineer at Fyber, Berlin (June 2013 – August 2016)

Stack: Ruby, MySQL, Redis, Elasticsearch, RSpec, AngularJS

Fyber is a technology company that builds monetization products for mobile developers.

- I took over 3 month old project to make it one highest earning project within the company. I worked in a closed loop with marketing and product teams to quickly deliver value.
- When project started to grow I worked on optimizations and scaling. I have improved average API response from 1.5 seconds to 200ms, which bought us time to work on new features.
- I have designed and created highly effective fraud detection system in collaboration with our product team. This system helped us to ensure that advertisers trust our platform.

Additional Experience

Software Engineer at MGroup, Moscow (2012–2013)

Created a platform where patients can have an online medical consultation.

Founder and CTO at Curia, San Francisco (2010–2012)

Created tools for traditional style magazine publishers to digitize their content.

C++ Engineer and Creator at JRollon Planes, Moscow & Madrid (2009 – 2010)

Created at simulator for CRJ 200. Demo: https://youtu.be/r2bESA0pm4M

Security Researcher at White Hat Hacking Group, Remote (2005 – 2007)

Found security vulnerabilities in popular software with examples like.
PostgreSQL – https://packetstormsecurity.com/files/37733/pgsql_reboot.c.html
Linux Kernel – https://www.securityfocus.com/bid/12949

Active Side Projects, Education & Other Activity

Switchboard https://github.com/antonvolkoff/switchboard

Mail router that worked to glue together multiple mail providers. Currently work in progress.

Volunteer at EuRuKo 2019 (European Ruby Conference)
Improv Theater Course in Amsterdam (2018)
BS Economics, Institute of International Economic Relations (2004 – 2009)