Andrei Kaleshka
Software Engineer

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I'm the sole author of the "Rake task management essentials" book and an open source contributor to various projects including Rails and Ruby. My blog article was recognized by the Ruby language creator Yukihiro Matzmotto, see the proof - https://bit.ly/3vksBok   .

I started my career as a software developer in 2009. I've worked with projects in different stages from the very first line to mature money-making software. I know how to develop a modern online application from scratch, prepare everything around it, go live, and keep it alive afterward. I know what happens on the front, the back, and around a working Web application.

I have taken various roles from a junior developer to a startup CTO. Therefore, my knowledge is broad in technical and business aspects. Ruby is my favorite programming language. But which one to use is not so critical for me. The delivered result is more important.

SKILLS

Languages	Ruby, SQL, JavaScript/TypeScript, HTML, CSS, Python, Java, Pascal
Frameworks and tools	Rails, Grape, Angular, React, Ember, git
Databases	PostgreSQL, MySQL, Redis, MongoDB, CouchBase
Techniques	MVP, PoC, Algorithms and data structures, TDD, BDD, DDD, OOP, SOLID, Design patterns

EXPERIENCE

January 2020 – March 2022

Senior Software Engineer, Team Leader, NETSOFT HOLDINGS LLC, USA Indiana (Remote)
- Built a team responsible for customer support that reduced customer support requests by 2 times (I was the team leader)
- Brought good habits to the development department that improved code quality and the application stability: improved code review quality, installed documentation system based on Antora. Introduced fundamental design patterns into the code (Business Action, Query Object, Serializers, etc.)
- Integrated push notifications system into Hubstaff project
- Implemented back-end for events happening in real-time used by a live map
- Deployed internal docs system on AWS
- Integrated Zapier into Hubstaff project

`Ruby` `Rails` `SQL` `Google Firebase (FCM)` `AWS (Lambda` `S3` `Cognito` `CodeBuild` `CloudFormation)` `Zapier` `Design Patterns` `Vue.js`

November 2019 – June 2016

Back-end developer, TOPTAL LLC, USA CA (Remote)
- Resolved more than 400 tickets and produced 0 bugs for the whole period of work
- Prevented at least 5 big failures during code review
- Integrated Intacct accounting system so that the company successfully passed accounting reconciliation and audit
- Integrated Stripe and Paypal as a payment gateway that cuts costs on manual billing
- Implemented bookkeeping and accounting system from scratch so that it made the Intacct integration possible
- Refactored billing domain code in the monolithic application so that it made possible to extract it to a separate service
- Prevented big failures in production while reviewing the code at least 10 times
- Extracted billing domain to a separate service that reduced codebase and complexity in the main application
- Implemented a bunch of useful features for billing domain stakeholders who were accountants
- Analyzed and planned 4 long-running initiatives, broke them down into tickets, that were put into the issues tracker and estimated with the team. That could help to figure out the delivery date, needed manpower, parallelize the work
- Substituted the team leader 3 times. After each of them, made at least one company-wide improvement for the upper management
- Implemented GraphQL for the extracted domain
- Implemented an authorization module in the extracted service so that the solution could be applied by the other extracted domains
- Wrote 2 articles in the internal blog that shared useful knowledge for engineers of the entire company

`Ruby` `Rails` `SQL` `GraphQL` `Kafka` `JavaScript` `React JS` `Elasticsearch` `Event Driven Architecture`

May 2016
December 2014

CTO, Mᴇᴢᴜᴋᴀ LLC, USA NY (Remote)

> Implemented a fast-food delivery application mezuka.com from scratch
> Built a strong team of 10 developers that was managed by me
> Integrated Authorize.net payment gateway so that it reduced false-positive orders by more than 30% that reduced the lost money for the company for the same amount
> Took decisions in architecture, code quality, configuration, deployment, business analysis, planning
> Implemented a complex full-text search functionality with an extraordinary feature that searches only in the given areas by zip code and radius

Ruby | Rails | Grape | Angular JS | HTML/CSS | Ansible | Elasticsearch

November 2016
May 2013

Software engineer/Team Lead, AᴄᴛɪᴠᴇCʟᴏᴜᴅ, Minsk, Belarus

> Built a billing system for cloud systems from scratch
> Implemented APS standard for services provisioning
> Interviewed more than 20 candidates for the Back-end engineer position
> Refactored application so that it could deliver features 80% faster as before
> Completed more than 50% of tickets in the team of 5 developers

Ruby | Rails | Rails engines | Architecture | XML | AngularJS | APS standard | clouds | billing

April 2014
November 2013

Writer, Pᴀᴄᴋᴛ Pᴜʙʟɪsʜɪɴɢ, Remote

> Wrote a book from scratch "Rake Task Management Essentials" ISBN 978-1-78328-077-3

Ruby | Rake | OpenOffice

Current
March 2012

Blog posts author, Rᴀɪʟsɢᴜɪᴅᴇs, Remote

> Have written more than 50 articles
> 5 articles went into RubyWeekly newsletters
> 1 article was tweeted by Ruby creator MatzYukihiro Matsumoto
> 1 article has appeared in the first rows of Google search for 3 years already and keeps going

Ruby | Rake | OpenOffice

May 2013
April 2010

Software engineer, Aʟᴛᴏʀᴏs Sʏsᴛᴇᴍs, Minsk, Belarus

> Took part in development of various outsourcing projects
> Refactored and adopted for the new design 100% Keenprint code. That was the most remarkable and successful project that I had at Altoros Systems
> Mentored interns at an internal course called RubyGardens and graded as the best tutor out of 5

Ruby | Rails | HTML | CSS | JavaScript | jQuery | PostgreSQL | MySQL | MongoDB | Lucene | Sphinx | web apps deployment | Heroku | capistrano | git | gerrit

April 2010
November 2009

Software developer, Sʏɴᴇsɪs, Minsk, Belarus

> Wrote a help system module
> Maintained Alfresco CMS

Java | Spring | JavaScript | ExtJS | JBoss | Windows

February 2009
October 2008

Software developer, Bᴇʟʜᴀʀᴅ, Minsk, Belarus

> Learnt Python programming language
> Implemented and maintained processors of banking formats in Kyriba

Python | Java

May 2010
September 2007

Network administrator, Dᴏʀᴍ ᴏғ Bᴇʟᴀʀᴜsɪᴀɴ Nᴀᴛɪᴏɴᴀʟ Tᴇᴄʜɴɪᴄᴀʟ Uɴɪᴠᴇʀsɪᴛʏ, Minsk, Belarus

> Built, maintained, and configured the dorm network
> Assisted 400 network users
> Grew the network from 100 to 400 users

Linux | DHCP | iptables | network configuration | Ruby | Rails | MySQL

🎓 EDUCATION

2005-2010	Bachelor degree in Mechanical Engineering by Belarusian National Technical University
2007-2008	Java enterprise course by IBA group
2012	Python Programming Language course by Wargaming
May 2018	Learning How to Learn: Powerful mental tools to help you master tough subjects by McMaster University and University of California San Diego on Coursera. Certificate 28ZCHXS5CRXN
March 2019	Data Structures and Algorithms Specialization by University of California San Diego and National Research University Higher School of Economics on Coursera. Certificate 9V24NAZ2V8PC