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ARTEM FEDOROV

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SUMMARY

Senior full-stack developer with 11+ years of development experience, deep knowledge of industry's best practices from Lean Development to corporate-favored CMMI. Speak business language with Lean Startup experience and UK MBA education (though software development is more fun).

SKILLS

Ruby on Rails - 6 years, incl. RESTful APIs, 3rd party integrations, optimization.
Frontend development - 6 years, incl. HTML5, CSS3, Bootstrap, jQuery, AngularJS, Ember.js, Vue.js.
SQL and NoSQL - 11 years, incl. PostgreSQL, MySQL, SQL Server, ElasticSearch, MongoDB.

EMPLOYMENT

Senior Software Engineer   **MyBankTracker**, New York   **2015 – present**

Responsible for mybanktracker.com's frontend (AngularJS) and backend (Ruby on Rails), like integrating Algolia search or building Wordpress to HTML renderer in Ruby and embeddable widgets for 3rd party websites in JS. Also:

- Sped up page loading 2-3x times (reduced XHR network calls 5x times, real-time APIs via CDN, Google PageSpeed improvements)
- Designed & developed product recommendation engine as a set of reusable components: product search engine, product calculators, quiz wrappers.
- Designed & developed external product feeds integration.
- Stepped up to implement pre-deploy CI mass route checks to verify there're no critical errors and implemented post-deploy CI smoke tests sourced from Uptime Robot checks to identify possible problems right after the deploy.

Lead Software Engineer   **Colibro Publishing & Media**, Philadelphia   **2014– 2017**

Colibro produces read-aloud stories with line-by-line translation for language learning users on mobile and desktop. I was responsible for creating content production backend, content distribution backend (Ruby On Rails) and web clients (AngularJS). Here's the short summary of things I have built:

- Production backend: stories management, translation, illustration management, audio processing, voice alignment, bundling for distribution.
- Distribution backend: Distribution app with APIs for iOS app & web app. EdTech app with APIs for EdTech web app.
- Mobile-first single-page web apps: Reader app, EdTech app for teachers.

Lead Software Engineer   **Vicancy**, Utrecht, NL   **2014 – 2015**

Worked on frontend and backend tasks. Embeddable JS widgets on Ember.js, cloud video rendering on AWS EC2, YouTube, Vimeo, Trello integration and automation:

- Created video rendering service that brought video production time from 24 hours to less than 1 hour. The successful prototype secured the Vicancy's funding from the incubator.
- Developed embeddable JS widget for partner's client's account pages.
- Improved existing backend video processing service from 12 failures/month down to 0.3 failed videos/month.
- Performed complex live data migration (mixed hierarchical objects in DB) smoothly with the data migration tests.

Deputy Head of Technology Dept.   **Diasoft**, Moscow, RU   **2007 – 2013**

Diasoft is one of the largest banking software vendors in the Eastern Europe & CIS. I worked as a software engineer, as an architect and ended up as a deputy head of technology department responsible for development, QA and project management technologies / practices / processes. Some highlights:

- Led company-wide CMMI Implementation project, company successfully assessed at CMMI Level 3 by SEI.
- Reduced the amount of errors per million lines of code by 50%, reduced errors reported by client by 33% by implementing CMMI practices.
- Sped up by 4x the migration of the company's main product (1.5x size of Linux Kernel) to the new SOA architecture by developing code analysis / migration aid tools.
- Enabled migration project's precise planning and monitoring by developing code analysis tools & reports to assess migration progress.
- Brought KPIs maintenance efforts from 2d/week to 1h/week by automating KPI collection & reporting.

AWARDS AND RECOGNITION

Toptal's "Top 3% Talent" (2015) - Part of Toptal's "Top 3% Talent" network
#2 ruby developer, oDesk Coding Challenge (2014) – Read funny story on how I got to be #2 and not #1 on https://resume.artemfedorov.com

EDUCATION

Kingston Business School (Moscow, London)	**MBA in General Management**	**2007**
State University Of Management (Moscow)	**Major in Economics**	**2006**